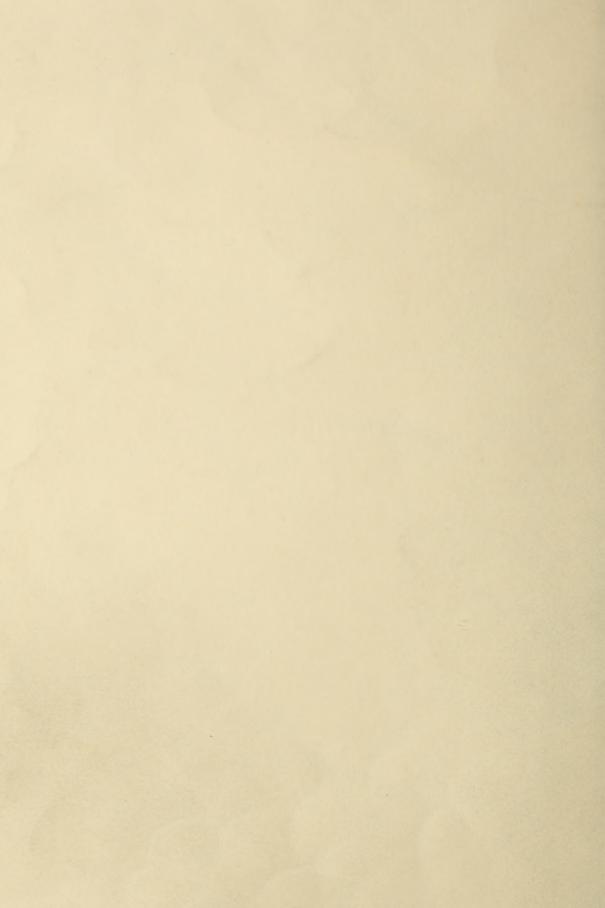
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W. E. DALLWIG

SEEDS



34 JUNEAU AVE. MILWAUKEE, WIS.

DALLWIG'S TESTED SEEDS



E handle absolutely nothing which we do not believe to be the best obtainable and we know that we have unsurpassed advantages for the procurement of the best seeds at a cost which will enable us to offer them to our customers at the lowest prices at which well-grown and selected seeds true to name can be furnished; but we do not claim to compete in prices with those made by irresponsible and haphazard growers and dealers whose sole effort is to secure the lowest priced seeds regardless of quality; such seeds are not cheap, but dear at any price.

= comes but once a year for most home gardens, and should not be SEED BUYING decided on the claim of cheapness, for the matter of saving a few cents is but a trifle as compared to the loss of labor, ground and perhaps the entire crop, with much disappointment added, when seeds are bought for low prices

rather than on merit.

There is no Doubt with Dallwig's Seeds, they are Grown Right

Such is the testimony, year after year, of many critical market gardeners and experienced florists who plant for profit. These practical growers rely on us.

BUSINESS CONDITIONS

= are strictly cash with the order. Remittances may be safely made by Postal Mon-OUR TERMS ey Order or Express Money Order. Postage stamps are taken as cash for small amounts. If local checks are used 20 cents must be added to cover the cost of col-

lecting.

We pay postage on seeds in packets and ounces; on larger quantities postage must be POSTAGE. added to catalog prices at the rate of 8 cents per pound. In case of peas, beans and field corn add 15 cents per quart, on sweet corn 10 cents per quart, to catalog prices,

if wanted by mail.

Seeds of the best quality will sometimes fail for various reasons, such as: sow-GUARANTEE ing too deep or too shallow, in too wet or too dry soil; insects of all descriptions destroying the plants as soon as, or before, they appear; cold or dry air may

check the growth of young plants or destroy them entirely, and a great many other contingencies may arise to prevent the best seeds from giving satisfaction. For all these reasons it is impossible to guarantee seeds, and, while we exercise the greatest care to have all seeds, bulbs and plants pure, true and reliable, we give no warranty, expressed or implied, as to description, quality, productiveness, or any other matter, of any seeds, bulbs or plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

and Truckers. Public Institutions and others who MARKET GARDENERS need seeds in larger quantities, will, on application, be supplied with a Special Price List.

The prices in this catalog are subject to change without notice.

OUR SEED Please show this SEED CATALOG to your friends, and if you should receive an extra CATALOG. copy be kind enough and hand it to some neighbor interested in seeds. We would be glad to send a copy free to any of your friends likely to want seeds. An order this season, no matter how small secures our catalog for the next as soon as issued.

German Catalog upon Application.

Deutscher Ratalog auf Berlangen.

CUT FLOWER DESIGNS

We are prepared to undertake an order of almost any size at short notice and effect prompt deliveries. We are producing a class of work of exceedingly high order. We believe our Cut Flower Designs are not excelled anywhere in artistic arrangement or workmanship. If in doubt, consult us as to just the proper thing for all occasions - weddings, parties, funerals, etc.

W. E. DALLWIG

34 Juneau Ave.

MILWAUKEE, WIS.



SUPPLEMENT

TO W. E. DALLWIG'S 1906 SEED CATALOG

30

Among the following will be found a number of distinct Novelties, together with such varieties, which, as contrasted with others, possess superior merit, and are worthy of the prominence we give to them.



The Longfellow Bush Bean

(GREEN-PODDED)

Extra Early, Very Prolific, Delicious Quality.

The Longfellow is an ideal snap bean, a prolific producer of perfectly round, straight solid, fleshy pods, averaging 6½ inches long, tender and brittle, and without string when broken. The delicate green color of the pods, which is retained after cooking, adds to its attraction. A very heavy cropper. It is extra early, the pods being fit to pick 4 days in advance of any other sort of equal size. Packet 5c, pint 15c, quart 30c, 4 quarts \$1.00

By mail 8c pint, 15c quart additional.

GOLDEN CARMINE PODDED HORTICULTURAL POLE BEAN

Excels in Earliness, Quality, Productiveness and Handsome Appearance.

In this new strain we have a wonderfully robust grower. Pods are very large, stringless, bright golden color when very young. As the pods approach full size, they are mottled and streaked with an unusually bright carmine color on the bright golden, which gives them a strikingly beautiful and attractive appearance. This, together with its productiveness, will make it a most desirable and popular pole bean.

Packet 5c, pint 20c, quart 35c, postage extra

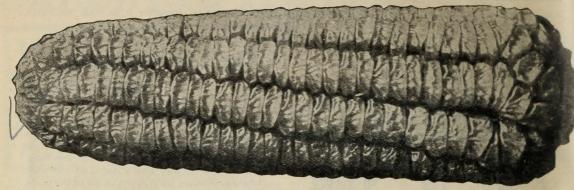


GOLDEN CAR-MINE HORTICUL-TURAL POLE.

In improving Celeriac or Turnip-Rooted Celery, the aim of the grower is to obtain a smooth bulb with few or no side roots, and small tops, together with white and tender flesh.

Delicatess is the result of years of careful selection and cultivation with these objects in view. It produces perfectly smooth oval roots. The flesh is snow-white, tender, and of most delicious flavor. This Celeriac will produce good roots even on poor soil. Packet 5c

NEW EARLY SWEET CORN "PEEP O'DAY"



The two points of this remarkable corn are its extraordinary earliness and unparalleled sweetness, surpassing in these particulars any other known variety, early or late. By arranging the plantings a week or two apart, you may have this delicious corn throughout the entire season.

It is wonderfully productive stalks

It is wonderfully productive, stalks bearing from two to five ears each. Packet 5c, pt. 15c, quart 25c, 4 quarts 75c If by mail add 10c per quart.

Ex. Early Sweet Corn PREMO

Surpasses the leading early varieties in size, quality and yield. Very vigorous, generally bearing 2 well-developed ears to a stalk. Premo can be planted earlier than other varieties, for the young plants withstand slight frosts.

Packet 5c, pint 15c, quart 25c

"Star of the Market" KOHLRABI

Much superior to Vienna.

It is very early and the best for forcing as well as for outdoor culture. Bulb is greenish-white, smooth, of finest texture and quality. Favorite market gardener variety.

Packet 5c, ounce 20c, 1/4 pound 75c

Gradus Pea

A green wrinkled pea of largest size and extremely early. No variety of recent introduction has come so rapidly into general favor. Vine similar to that of Telephone but only three to three and one-half feet high. Pods long with pointed ends, very large, handsome and well filled with peas of great size, splendid quality and beautiful light green color which is retained after cooking. The rapidly increasing demand upon us for Gradus has each year been far in excess of our supply.

Pt. 20c, qt. 40c, 4 qts. \$1.50

GRADUS PEA

State Contraction for the state of the state

UPRIGHT SWEET SALAD PEPPER.

Upright Sweet Salad Pepper

The handsomest, most productive and finest-quality Pepper yet produced. Large, smooth, thick-fleshed, mild and very sweet. Bright scarlet. Plants are strong and begin bearing early. The Peppers, as large as Ruby King, are borne upright, and held clear of the ground. The flesh is thick and the skin tender.

Packet 15c

New Tomato Livingston's Globe

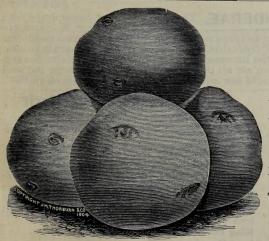
In shape it is notably distinct, being a beautiful globe, with quite a percentage of



LIVINGSTON'S GLOBE TOMATO.

elongated fruits. It is among the first to ripen; fruit of large size, and a good marketable size is maintained throughout the season; always smooth, firm-fleshed. ripens evenly through and through; a fine glossy rose in color, tinged with purple; very productive. A remarkably good keeper; especially adapted to slicing or eating from the hand, as the flavor is very delicate and agreeable.

Packet 10c, ounce 30c, 1/4 pound \$1.00



NOROTON BEAUTY POTOTO.

It is the best all-around Potato in existence.

Thorburn's Great New Potato NOROTON BEAUTY

The Most Valuable Potato Ever Introduced

We summarize its merits as follows:

It is the earliest Potato ever grown, being 16 days earlier than the Early Rose.

Yet it is fully as productive as any main-crop or late sort. This combination of extreme earliness, productiveness and keeping qualities has never before been attained.

It is handsome in appearance and more uniform in size and shape than any other variety.

The tubers mature simultaneously, a fact which, combined with its extreme earliness, practically does away with danger from blight or disease or bugs.

Its table qualities are superb, and it keeps longer than any other sort, early or late.

1 lb. 10c, 3 lbs. 25c, 1 peck \$1.00, 1 bushel \$3,25.

2 SPLENDID GRAY SUMMER RADISHES 2

Oval Shaped Gray Summer No. 1

Oval Shaped Summer No. 2

See Descriptions and Illustrations on page 31.



NICOTIANA SANDERAE.

Novelties in **FLOWER SEEDS**

Aquilegia, Long Spurred Double Flowering Hybrids

Through their exuberance of bloom and their handsome foliage the Columbines are extremely useful garden plants and the number of their admirers is steadily increasing. The new Double Flowering Hybrids may be ranked as the most perfect that have hitherto been produced. The graceful blossoms are formed of several rows of cornucopia-like petals, all being of the so-called long-Packet 10c spurred type.

Orchid · Flowered Single Dahlia **Twentieth Century**

It is impossible to correctly describe this exquisite Dahlia. It must be seen that one may fully appreciate its marvelous beauty. The flowers are very large, 5 to 6 inches in diameter. The color is intense rosy crimson, with white tips and white disc around a yellow center. As the season advances the dark colored zone becomes lighter and the color contrast exquisitely lovely, and can be compared with no other flower than the beautiful orchid. (See illustation page 72.) Packet 10c

For new varieties of Dahlias see pp. 69-72.

NICOTIANA SANDERAE. This beautiful hybrid Nicotiana forms strikingly handsome, bushy, much branched plants laden with flowers from base to sammit-literally ablaze with most handsome carmine-red fragrant blossoms. They resemble N. Affinis, but have a short stout tube, and unlike that variety do not close up in the day time, but remain open all day. A continuous display of bloom all summer and fall. Packet 10c

NEW HYBRIDS OF NICOTIANA SANDERAE. These superb new forms have been obtained by crossing N. Sanderae with N. Alata and N. Sylvestris. The flowers are as large as the carmine variety introduced last year and described above, and are borne in equal profusion. They come in eight separate colors, ranging from pure white to deep scarlet, some of the intermediate tints being of exquisite beauty. They are perfectly hardy and will bloom in the open air all through the summer. We offer the seed in collections, containing one packet each of the eight new colors.

Per collection 35c

NEW SWEET PEAS

Florence Fraser.—An improved Blanche Ferry. Height 6 to 7 feet; color pink and white; flower stems very stout, bearing 3 and 4 large blooms and attaining a length of 12 inches. A free and Packet 5c, oz. 20c, 1/1b. 50c early bloomer.

Gladys Unwin .- The finest pink Sweet Pea yet introduced. A striking and sterling novelty. Gladys Unwin has a very large and bold flower, with very striking upright crinkled or wavy standard and broad wings. 75 per cent of the long flower stems are with four blooms. Color pale rosy pink. Pkt. 10c, oz. 50c, 1/4lb. \$1.50

Marchioness of Chalmondeley.-A decided acquisition; bold erect standard. Exquisite soft shade of cream overlaid and edged with a de-Pkt. 5c, oz. 20c lightful shade of pink.

Recent Sweet Peas of Merit

Bridesmaid.—Brilliant deep pink.

Dainty .- Pure white with edges of petals daintily tinted pink.

Dorothy Eckford.-The grandest pure white. Flora Norton.—Bright clear blue.

Gracie Greenwood .- Soft salmon-pink with distinct edging of deeper pink.

Janet Scott.—Deeper and richer than K. Tracy Jeanie Gordon.-Standard bright rose shaded cream.

King Edward VII.—Intense bright crimson. Lord Roseberry.-Rosy magenta.

Mrs. Geo. Higginson Jr.-Clear, delicate light blue, showing practically no tint of mauve.

Oz. 15c, 1/4lb. 35c

Except where noted Pkt. 5c, oz. 10c, 1/4lb. 25c

KILLARNEY. New Hardy Everblooming Irish Rose. Brilliant satiny soft pink; the blooms are large; buds long and pointed. Each 40c, dozen \$4.00 FRAU KARL DRUSCHKI The grandest white hardy garden rose. Produces very freely pure white flowers of largest size. Each 35c, 3 for \$1.00

GENERAL LIST OF

Standard Vegetable Seeds For Market and Home Gardens

A LL STANDARD VARIETIES OF REAL VALUE may be found in this department. We exclude everything worthless; omit the endless number which are out of date; avoid misleading descriptions, and do not offer same varieties under different names. It has ever been our endeavor as seedmen to make Highest Quality the first consideration and then to fix our prices as low as Good, Reliable Seeds can be sold. Department and other stores sometimes offer seeds in pakets at seemingly low prices. Examination will show that the packets, though bright and attractive, are small, often containing less than one-sixth as much as one of ours, and trial

will demonstrate that, even if the seeds have sufficient vitality to come up, the product will be unsatisfactory. The use of these poor seeds always results in disappointment and loss. The best is always the cheapest. We offer you the very best seeds which can be produced, and at the lowest prices consistent with the highest quality. All Seeds, except where noted, 5c per packet.

SPARAGUS

1 oz. will sow 60 feet of row and produce about 500 plants.—To grow Asparagus plants from seed, sow in drills about one inch deep, in rows a foot apart. Keep the soil mellow and free from weeds during the summer, and in the fall or spring the plants may be set out in beds about a foot apart each way with the crowns four inches below the surface. Before winter cover the transplanted beds with four inches manure. Sow a little salt on the surface in the spring and it will keep down the weeds.

Columbian Mammoth White. - Shoots are white and remain so without earthing or blanching. It is stronger in habit, throws larger shoots and fully as many as Conover's Colossal.

Per packet 5c, ounce 10c

Conover's Colossal.—The standard green variety, of large size, tender and of excellent quality.

Per packet 5c, ounce 10c

Palmetto.-Large size, even and regular in growth and appearance. Immensely productive and of the best quality. Pkt. 5c, oz. 10c

ASPARAGUS ROOTS. If desired by Mail, add 50c per 100 for postage.

2-year old plants. Per Doz. 15c Colossal.-Columbian Mammoth White. - One-hundred, \$1.00 by express.

ASPARAGUS KNIVES .-

Each 35c



ASPARAGUS COLUMBIAN MAMMOTH WHITE

EANS DWARF or BUSH

One Quart to 100 Feet of Drill or to 200 Hills. Two Bushels per Acre in Drills , : : : :

Culture. The soil best adapted to Beans is a light, rich, well drained loam, which was manured for the previous crop. If too rank manure is used it is apt to make them grow too much to vine. Beans are extremely sensitive to both cold and wet, and it is useless to plant them before the ground has become dry and warm. The largest return will result from planting in drills from two to three feet apart and leaving two to six plants to the foot of row. Up to the time of blossoming they should have frequent shallow cultivation, but any cutting of the roots after the plants come into bloom is liable to cause the blossoms to blast and so cut off the crop. Remember that beans should always be cultivated very shallow, and that it is useless to expect a crop from a field so poorly prepared as to need deep stirring after planting.

GREEN PODDED SORTS

Stringless Green Pod-Early; productive; perfectly round, fleshy, 5-6 inches in length and entirely stringless. Per pint 15c, quart 30c

Longfellow-The pods are about 6 inches long, pale, soft green, straight and round, of delicious flavor; Per pint 15c, quart 30c early and abundant bearer. Per pt. Per qt.

Improved Extra Early Red Valentine.—Ten days earlier than any other strain of this wellknown variety. known variety.

Early Long Yellow Six Weeks.—Early, with full, flat green pods...... 13 25 MOHAWK, or Early Brown Six Weeks.—Pods long, flat, straight..... 25 13 Extra Early Refugee. Has all the qualities of the Refugee, and is ready for the market at least ten days earlier..... 25 13 REFUGEE, or 1000 to 1.—Pods round, green, waxy and fine in flavor. Excellent for 25 13 30 25 13

Burpee's Bush Lima. - Eighteen to twenty inches high. An immense yielder. Pods well filled with very large beans, identical in size and luscious flavor to the well known large pole Limas.

Per pint 20c, quart 35c



AX BEANS





Wardwell's Early Kidney Wax.-Early Wax Bean for the Market Gardener. Nearly a week earlier than the Golden Wax and yields one-third

more, but the most valuable point in its favor is that it is almost entirely free from rust and spots. The pods are long and showy, very tender, and of excellent quality, and assume a rich golden color at an early stage of their growth.

1/2 pint. 10c, pint 18c, per quart 35c.

Davis Wax. An exceedingly hardy, productive, white seeded wax bean. All of the pods are very long, white, straight and hand-some. The vine is rustless and very vigorous, bearing near the center many clusters some of which extend above the foliage. When young the pods are very brittle, crisp and tender. The dry beans are kidney-shaped, clear, white, and excellent for baking. The length, perfect shape and fine color of the pods, and the clear, white seeds make this One of the Best for Canners. See illustration from photograph, plate I.

1/2 pint 10c, pint 15c, quart 30c.

Rust Proof Golden Wax.—(Black Seed.)—It is very early and productive, of excellent quality and entirely free from rust; flat pods. Improved Golden Wax.—Strong in growth attractive in appearance. A variety		Pint	Quart
of excellent quality and entirely free from	80 10	\$0.15	80 30
Improved Golden Wax.—Strong in growth, attractive in appearance. A variety	40 10	0 10	00 00
that everybody should have.		15	30
Challenge Dwarf Black Wax An extra early strain of the Black Wax. Round pods	10	15	. 30
Refugee Wax.—A perfect Refugee, with long, round, yellow wax pods, Suitable for early or late sowing, and an immense yielder	10	15	30



BEET.

POLE BEANS.

Pole Beans are more tender and require more care than the bush varieties, and should be planted two weeks later; they succeed best in sandy loam, liberally enriched with manure. Form hills 3 to 4 feet apart; plant 5 or 6 beans in a hill, about 2 inches deep, leaving space in the center for the pole. When well started, thin to 2 or 3 plants in a hill.

IMPORTED GIANT SWORD POLE.—A splendid

variety, introduced by us. Vine vigorous and very productive, bearing its pods in large clusters. Its long, wide, showy green pods are very crisp; one of the best pole beans in cultivation. ½ pint 20c, pint 40c, quart 75c

Golden Carmine Podded Horticultural. - The pods are large, stringless, bright golden color when very young, mottled and streaked with an unusually bright carmine as they approach full size. ½ pint 10c, pint 20c, quart 35c

Kentucky Wonder or Old Homestead.—The long fleshy pods are entirely stringless and of finest 1/2 pint 10c, pint 15c, quart 30c quality. Scarlet Runner.—A favorite both as snap bean and for its bright scarlet flowers,

1/2 pint 10c, pint 15c, quart 30c King of the Garden Lima.—Pods of largest size, filled with four or five immense white beans of finest quality. 1/2 pint 10c, pint 15c, quart 30c

All Pole Beans 5c per packet If wanted by mail add at rate of 15c per quart.





Beet. Detroit Dark Red Turnip.—The most desirable extra early beet for planting out of doors.

Especially valuable for market gardeners, being of such compact growth that more marketable beets may be grown on a given area than any other. Perfect shape, flesh bright red, zoned with a lighter shade.

Pkt. 5c, oz. 10c, ¼ lb. 20c



Chicago Market. Dark

red. Turnip shape; smooth small tops, fine small tap root. Excellent keeper.

Pkt. 5c, oz. 10c, \(\frac{1}{4} \) lb. 20c

Eclipse. — A round rooted, blood red table Beet of high merit.

Pkt5c, oz. 8c, ½ lb. 15c Early Dark Red Tur-

Pkt. 5c, oz. 8c, 11b. 15c Malf Long Blood—The flesh is rich dark red, very sweet, crisp and tender, never becoming woody, even in por-

discount of the control of the contr

tions above the ground and retains its good quality longer than other sorts. We consider this the most valuable variety for winter and spring use.

Packet 5c, ounce 8c, ½ pound 15c

Swiss Chard or Sea Kale.—The midrib of the leaf may be used, or when very young the entire leaf, as a table vegetable like Spinach.

Per packet 5c, ounce 8c, ½ pound 15c

Mangel-Wurzel and Sugar Beet.

GROWN FOR FEEDING STOCK

THE VALUE of Mangels for stock feeding cannot be over-estimated. The results from their use are clearly seen in the improved health and condition of animals, the increased flow and quality of milk from cows, and the saving in fodder. Mangels yield enormously if the soil is rich, and can be grown at trifling cost. Everyone who keeps even one cow should grow a patch of Mangels for winter feed.

Sugar beets are not as heavy yielders as Mangels, but they are of better quality, abounding in saccharine matter. For sugar producing purposes these beets are grown exclusively in Europe and in some localities in our own country.

Culture. Both Mangels and Sugar Beets require deep, well enriched soil. Sow in May or June in rows 18 inches to 2 feet apart, and 3 to 18 inches in the rows. As soon as frost occurs, dig the crop. About 4 pound are required for an acre.



LONG RED .- A very productive Mangel variety, used for cattle feeding. It is of immense size and an excellent keeper. Oz. 5c, ½ lb. 10c, lb. 25c

> Golden Tankard. -The best type of intermediate Mangel; small top, broad shoulders, smooth rich skin, very solid flesh, golden stem. This variety admits of close culture, and will be found a heavy producer. Oz. 5c, ½ lb. 10c, lb. 25c

Champion Yellow Globe. - More easily handled than the mammoth varieties. Fine cattle feeding roots. Oz. 5c, 1lb. 10c, lb 25c "Erfurt Model." - Perfectly cylindrical, the top being of the same diameter as the bottom. It has attained the highest perfection of any known variety. It forms one root only, has no sides roots, and grows almost above the soil. The skin is of a reddish yellow color. The flesh is yellowish white with regular golden yellow rings, is very firm without being spongy and hollow, and is highly recommended for feeding purposes. Oz. &c, \frac{1}{4} lb. 15c, lb. 40c

Large Obendorf Red.—The roots grow to a large size, are rounded on top and flattened underneath, almost entirely overground, the heaviest cropping and the finest of all Globe varieties. Oz. 5c, ½ lb. 15c, lb. 40c Large Obendorf Yellow.—Differs from the above in color only. Oz. 5c, \(\frac{1}{4}\) lb. 15c, lb. 40c

CABBAGE Culture. The ground must be highly manured, deeply dug or plowed and thoroughly worked to insure good, full-sized heads. A heavy, moist and fresh loam is the most suitable. Sow early in the spring in hot-bed, or later in open ground. Plant about 18 inches by two feet apart. The late varieties are usually sown by the middle of May, in rows three feet apart, and two feet apart in the rows.

RED MANGEI

Early Cabbage. Early Jersey Wakefield Select.—The Earliest and Hardest Heading of Extra Early Cabbages. Heads conical; very compact....... \$0 05 \$0 25 EXTRA EARLY ALPHA.—General character that of the Flat Dutch, but much earlier. Very solid and free from loose or waste of leaves...... 05 30 EARLY SPRING.—Becomes solid enough for use about as early as Jersey Wakefield. Similar in form to Flat Dutch. Short stem, compact head.... 25 CHARLESTON OR LARGE WAKEFIELD CABBAGE.—Larger than the Jersey Wakefield, a little later, and the head not so pointed..... 25 CASSEL CABBAGE.—A favorite, early, German variety, very solid and excellent for the family garden. Blunt peak..... 05 20 All Seasons Cabbage.—It is as good for Late Market or Winter as for Early. Stands hot 05 15 sun and dry weather well Henderson's Early Summer. Is about 10 days later than the Jersey Wakefield. May be 05 20 classed among the best large second early Cabbages..... Henderson's Succession.—About one week later than the early Summer, but larger... 05 15 FOTTLER'S BRUNSWICK .- Heads large, flat, compact and solid, and of fine quality Filderkraut-Pointed heads.....



EARLY JERSEY WAKEFIELD.

Late Autumn and Winter Varieties.

Long Keeping.-A very handsome and extremely hardy cabbage, which is growing in popularity having proven one of our best winter sorts. It is highly prized in Denmark, and grown there almost exclusively for winter cabbage. The heads are of good marketable size, not quite so large as Flat Dutch, but very hard, round, fine-grained, and will weigh one-fourth more than other varieties of equal size.

Per packet 5c, onnce 25c

Hollander Cabbage. As this variety is very hardy, very handsome, very solid, one of the best keepers and of fine Quality, It is one of the best for growing for distant markets or for late Spring use.

HOLLANDER CABBAGE--Select



HOLLANDER CABBAGE-SELECT.

HIS variety came originally from Europe. The plant is very vigorous, rather compact growing, with a longer stem than most American sorts, and is exceedingly hardy, not only in resisting cold but dry weather as well. The head is made up of very thick, broad leaves which overlap each other more than most sorts. It is very solid, and stands shipment so well that it arrives at its destination in very attractive condition. In quality, it is one of the best, being very white, crisp and tender.

We have given a great deal of attention to this variety and offer seed which we believe will pro-

duce a crop of more uniformly typical heads than can be grown from seed offered by any other dealer.

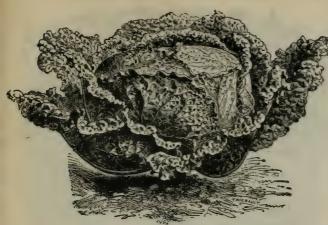
Packet 5c, ounce 25c, 1/4 pound 75c



SELECT ORANGE DANVERS HALF-LONG CARROT



SELECT CHANTENAY OR MODEL CARROT



SAVOY CABBAGE, LATE GREEN CURLED VERTUS.

DALLWIG'S EARLY DARK RED.-**RED CABBAGE.**

By far the best medium-sized and surest heading red cabbage. Color, deep, rich red. Many successful market gardeners choose this for their entire crop of red cabbage, pronouncing it the best of all. Pkt.5c, oz.20c

IMPROVED RED STONE HEAD.—This is one of the best and surest heading me-



dium-sized red cabbages ever intro-duced. Round very solid and of deep red color.

Pkt. 5c, oz. 25c

Large Dark Red Dutch .- Large heads, round in

shape, of deep color and remarkably hard and solid. pickling and table use. Packet 5c, ounce Packet 5c, ounce 20c Large Blood-Red Dutch .- Good quality; late.

Packet 5c, ounce 20c

Early Blood-Red Erfurt.—Heads hard, solid and of an intense blood-red color. Very early, valuable for pickling. Per packet 5c, ounce 20c

Mammoth Rock Red. The heads are as large as the Early Summer, and as dark and solid as any of the smaller varieties.

Per packet 5c, ounce 25c



NANTES

CARROTS. One ounce 100 ft. drill; 3 lbs. per acre. For early crops sow as soon as ground can be worked, in drills one inch deep and one foot apart (3 feet for field culture), from middle of May until first of July, thinning four to eight inches according to varieties. Keep your plants well cultivated.

HALF LONG SCARLET NANTES .- (Stump Rooted). Roots cylindrical, smooth, Packet 5c, ounce 10c, 2 pound 25c bright orange. Early Scarlet Horn.-A old and favorite sort for early

crop, but not large enough to be suitable for general culture. Packet 5c, ounce 10c, 1 pound 25c Early Half Long Scarlet Carantan .- The skin is smooth

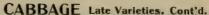
flesh red, and without any core or heart. Per packet 5c, ounce 10c, 1 pound 25c CHANTENAY OR MODEL.—Thicker at the shoul-

der than the Nantes. The flesh of a beautiful deep golden orange and tender.

Packet 5c, ounce 10c, 1 pound 25c SELECTED CHANTENAY OR MODEL. This special strain of Chantenay Carrot is grown from selected, perfect roots only. It will run more uniform in shape and color than any other strain. It is the best ear-

ly bunching Carrot, stump-rooted, smooth, of deep color, and fine grained. A heavy cropper. Pkt. 5c, oz. 10c, \(\frac{1}{2}\) lb. 30c

See half-tone illustration from photograph



Surehead.-Large, round, very hard, uniform heads. Pkt. 5c, oz. 20c Magdeburg.-Large, late, flat, favorite Sauerkraut sort. Pkt. 5c, oz. 15c Flat Dutch.-Standard large, late, flat Pk.. 5c, oz. 15c, 1/4 lb. 50c

SAVOY CABBAGE.

Early Dwarf Ulm.-Small, solid heads with thick, fleshy, greenl eaves. Blumenthaler.—Early, yellow, curled. Vertus.-Late, green, curled. An excellent variety of fine flavor; heads large and showy.

Any of above, Pkt. 5c, oz. 15c





CARROTS. (Continued)

Ox Heart or Guerande.—It is intermediate as to length between the half-long varieties, (such as Danvers) and the Short Horn carrot, but much thicker than the latter, attaining a diameter of from three to four inches at the top. It is of fine quality for table use. Flesh fine grained; bright orange and sweet.

Packet 5c, ounce 10c, 1 pound 25c



OX HEART CARROT.

Orange Danvers, Half Long.-Smooth well formed, orange carrot. Standard Pkt. 5c, oz. 10c, ½ lb. 25c sort.



Select Orange Danvers Half Long.—Best for general corp; rich orange color; heavy yielder; splendid keeper. Great improvement over (See half-tone plate 1). the old Danvers. Per packet 5c, ounce 15c, 1 pound 30c

Improved Long Orange.—The old stand-by, both for table use and for stock feeding, for late summer and winter. Per packet 5c, ounce 10c, 2 pound 25c

Long Red Altringham.—Largely grown for stock feeding and also for table use.

Per packet 5c, ounce 10c, 2 pound 25c

Large White Belgian and Large Yellow Belgian.—These grow to a very large size and are excellent Per packet 5c, ounce 8c, 2 pound 20c for stock feeding.



CAULIFLOWER



For spring and early summer use, sow about March 1st, in hot-bed, and transplant to cold frame when sufficiently large, and to the open ground as soon as ground is warm enough. For late autumn crop sow in the early part of May and transplant in June. In dry weather water freely, and as they advance in growth hoe deep and draw earth to the stem When heading tie outside leaves loosely over the heads to protect from the sun.

Haage's New Dwarf Early.—The best sort for forcing as well as for outdoor cul-

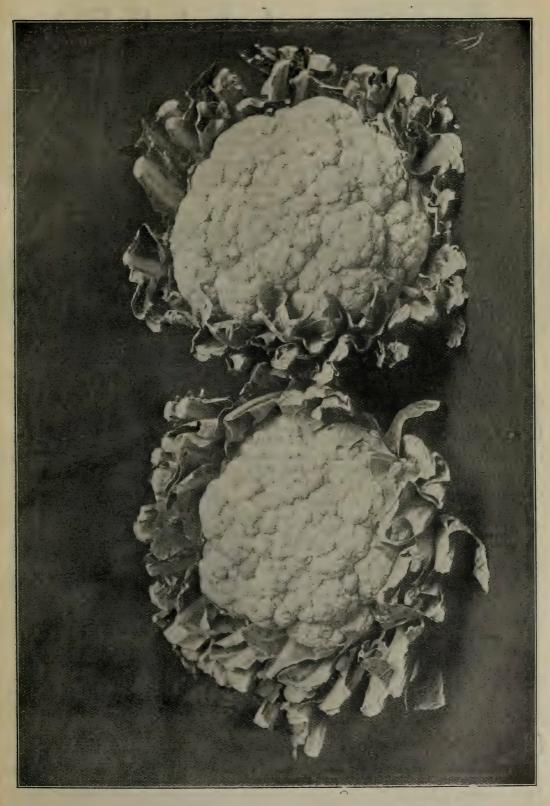
ture. It is exceedingly early and hardy and is the surest to make a solid, compact, large, pure white head, which stands the heat better than any other variety. The Best for Eurly and Late Culture. Per packet 15c

Extra Early Dwarf Erfurt.—Long the standard of highest excellence, and not much surpassed by any variety for field culture. Large, firm, pure white. Plant short-joined with narrow erect leaves. Per packet 10c, (See half-tone illustration, plate 3.)

Early Snowball .- Admirable in all good qualities, extra early, good size, pure white, dwarf in habit, with few outside leaves.

EARLY SNOWBALL CAULIFLOWER. Per packet 10c

Danish Snowball.—Beautiful large heads, which are solid, of fine and close grain and as white as snow. Per packet 10c





CELERY

Culture. Celery can be successfully grown with but little labor, in any good garden soil, by using plenty of well rotted manure with a liberal sprinkling of coarse salt worked into it, and this mixture should be put into the trenches, working it well into the soil, at least two weeks before the plants are transplanted into them. It delights however, in low, moist, rich bottom land. 1 ounce of seed for 2000 plants. for 2000 plants.

Golden Self-Bunching.—The beautiful appearance of the plant, with its close habit, compact growth and straight vigorous stalks, is faithfully shown in the illustration. The ribs are perfectly solid, crisp, brittle, and of delicious flavor, surpassed by no other variety, while it has the decided merit of self-blanching to a very remarkable degree. Without any banking or covering whatever, even the outer ribs become of a handsome, fresh, yellowish white color. The heart is large, solid and of a beautiful rich golden yellow color. Per packet 10c, ounce 30c

The Best of the Standard Celeries.	Pkt.	Oz.
White Plume.—Naturally white, so that it	00.05	0.75
requires very little earthing up Evans' Triumph. Very strong and vigorous plant	90 09	\$ 15
wigorous plant with large, very white, crisp, brittle, tender		
and fine flavored stalks. It is late and re-		
quires the whole season to develop but will keep longer than any other sort	05	20
Fin de Siécle.—It is the largest, hardiest, solidest, crispest, best keeper and best shipping		
winter Celery we know of	05	20
Giant Pascal.—Rich, nutty flavor, excellent for shipping. Good keeper	05	15
GOLDEN SELF BLANCHING. Crawford's Half Dwarf.—Also know as Hen-		
derson's Half Dwarf. Excellent flavor	05	15
Boston Market.—It is very solid, white, of mild delicious flavor	05	15

CELERIAC OR TURNIP ROOTED

Culture. Sow the seed in February or March and give same treatment as common celery. Transplant the young plants to moist, rich soil, in rows two feet apart.

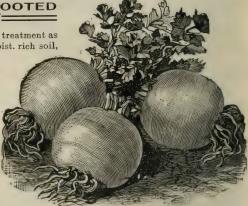
soil.

The Finest Variety Yet Introduced.

An improved form of turnip - rooted celery, producing large and smooth roots, which are almost round, and with very few side roots. Plants vigorous, with large, deep green foliage. Packet. 5c, ounce. 15c

Apple Shaped.-A good variety with small foliage, and large tubers almost round in shape and smooth. Per packet 5c, ounce 15c

"Delicatess"—Produces perfectly smooth, oval-shaped roots without side roots. The flesh is snow-white, tender, and of most delicious flavor. This Celery will produce good roots even on poor



LARGE SMOOTH PRAGUE.

CORN SALAD OR VETTICOST

Broad Leaved.—(LARGE SEEDED). Used as a small salad throughout the Winter and Spring. Sow thickly in drills, cover slightly first of Autumn and sprinkle with straw on the approach of severe weather, or sow in cold frames; thus it is accessable even when deep snow prevails. Per packet 5c, ounce 10c, 1 pound 20c

CRESS. Curled, or Pepper Grass. This small salad is much used with letter, the salad is much used with letter with letter with letter with This small salad is much used with lettuce, to which

True Water. This is quite distinct from the last, and only thrives when its roots and stem are submerged in water. It is one of the most delicious of small salads and should be planted wherever a suitable place can be found. The seed should be sown and lightly covered in gravelly, mucky lands, along the borders of small rapid streams, and the plants will need no subsequent culture, as under favorable conditions they increase very rapidly by self sown seed and extension of the roots.

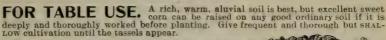
CORN.

Mammoth White Corey.

The Largest and Best EXTRA EARLY SWEET CORN.

NOTHING EARLIER, NOTHING BETTER, NOTHING LARGER.

The ears are 12 rowed, much larger than the old Cory, and covered

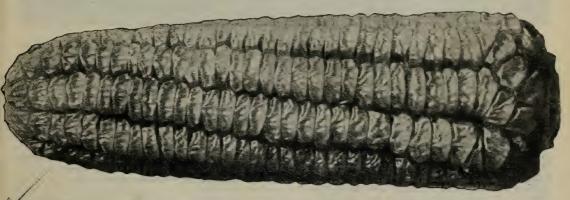




MAMMOTH WHITE COREY

with large, white grains of good quality. The Beauty and Quality of this variety give it ready sale even when the market is over stocked. Gardeners should not fail to make their first plantings of this best of extra early sorts.

† pint 10c, pint 15c, quart 30c



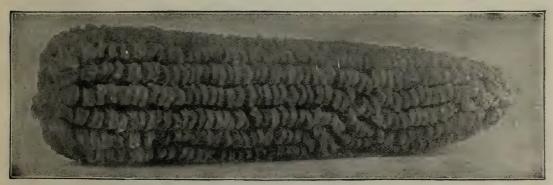
"PEEP O' DAY"—The two points of this remarkable Corn are its extraordinary earliness and unparalleled sweetness, surpassing in these particulars any other known variety, early or late. By arranging the plantings a week or two apart, you may have this delicious corn throughout the entire season. It is wonderfully productive, stalks bearing from two to five ears each.

Packet 5c, pt. 15c, quart 25c, 4 quarts 75c

Country Gentleman.—The Finest Sweet Corn for Private Use. A short stalked, productive sort, frequently producing three ears to the plant. Ears large for so small a stalk; grain narrow and very deep, after form of shoe-peg. Highly recommended as one of the very best.

Per ½ pint 10c, pint 15c, quart 30c

Early Evergreen.—A valuable variety for market gardeners and the home garden. It ripens 10 days in advance of Stowell's Evergreen, and in quality is fully as good. Ears about 8 inches long with 12 or more rows of kernels, which are sweet and tender. ½ pint 10c, pint 15c, quart 30c



EARLY EVERGREEN CORN.

		Pint		
Early White Cory.—One of the earliest of all	80 10	\$0 15	\$0 30	
Extra Early Minnesota Sugar.—A variety certain to give satisfaction. Kernels				
tender and sweet. Color white		15	30	
Perry's Hybrid Sweet Corn.—A very fine early variety fully as early as the Min-				
nesota and ears much longer	10	15	30	

CORN---Continued. ZIG ZAG EVERGREEN—Sweeter, more productive, and remains fit for use longer than Stowell's Evergreen. Unequaled for canning. The best larg eared, late sweet corn in cultivation. STOWELL'S EVERGREEN—A favorite among the late sugar corns. Matures for table about 80 days from germination. Vigorous growth. Excellent for market.

Pint	Pint	Quart		
\$0 10	\$0 15	\$0 30		
10	15	30		

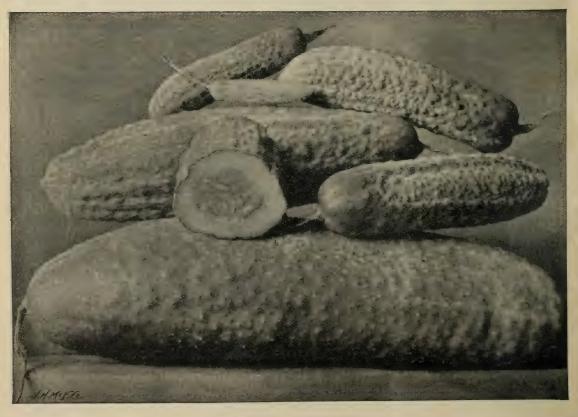


CUCUMBERS

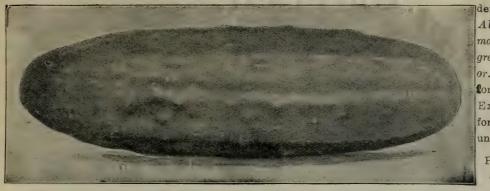
The Cucumber is a tender annual and should never be planted in open ground unless settled weather arrives, for general crop about the middle of May. For pickles, plant from middle of June to the middle of July. By far the best results are obtained from plantings in warm, rich sandy loam. Prepare hills 4 feet apart each way, and mix with the soil of each a shovelful of well rotted compost. Sow thickly, and when all danger of insects is past ("Slug Shot" is sure death to the striped cucumber beetle), thin out all but three or four of the stockiest vines in each hill. As the cucumbers attain a sufficient size, both the perfect and the imperfect specimens should be picked at once, as fruit left upon the vines to ripen soon destroys their vitality, and consequently their productiveness.

Cumberland.—This new variety is of the hardy, white spine type, is a rapid, strong, and vigorous grower and very prolific in fruit. The pickles differ from all other hardy sorts in being whickly set with fine spines over the entire surface, except the extreme stem end. The form is exceptionally straight and symmetrical, thus being as choice for a slicing variety as it is for pickles. The flesh is solid, crisp, tender, and of excellent quality at all stages of growth. (See half-tone illustration plate 4).

Per packet 5c, ounce 15c



CUCUMBERS. (CONTINUED). Evergreen Early White Spine.—The vine is vigorous and productive. The fruit is long, cylindrical, dark green, with very white, crisp and ten-



der flesh. Always remains deep green in color. Bestsort for slicing. Excellent for culture under glass.

> Packet 5c. ounce 15c

EVERGREEN EARLY WHITE SPINE.

Improved Early White Spine.—Uniformly straight and handsome dark green, with a few white spines. Per packet 5c, ounce 15c

Krlington White Spine .- A strain of White Spine especially recommended for fine shape, uniformity of size, and dark green color. Desirable sort for forcing. Per packet 5c, ounce 15c

Short Prolific Pickle.—Recommended for pickling.

Per packet 5c, ounce 15c

Chicago Pickle.—Undoubtly the best cucumber for pickles. Fruit of medium length, pointed at both ends, with large and prominent spines; color deep green. Per packet 5c, ounce 15c

Jersey Pickle.-Very crisp and tender. Said to "green" better than any other variety.

Per packet 5c, ounce 15c

Michol's Medium Green. - Always straight and smooth, dark green, tender and crisp.

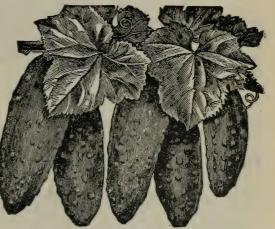
Per packet 5c, oz. 15c

Long Green. - A good sort for pickles and for market. Per packet 5c, ounce 15c

Turkey Long Green.—Long and slim; not equaled by any field variety. This is not the New England Long Green, but a much superior sort, being twice as long. Per packet 5c, ounce 15c

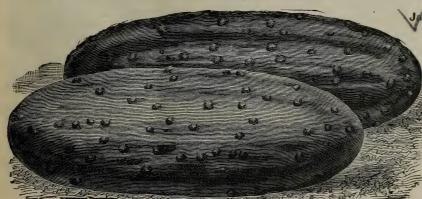
Fordhook Famous.—The fruits are perfectly smooth and very dark green, 12 to 17 inches long, straight and solid. Flesh greenish-white, firm and crisp, an enormous cropper and a handsome table fruit, which never turns yellow.

Packet 5c, oz. 15c, 1/4 1b. 45c.



CHICAGO PICKLE.

Burpee's Giant Pera. - Very smooth and straight; the skin is a beautiful medium green, perfectly smooth, free from spines, and retains its clear green color until ripe. They are very thick through, perfectly round, and from 15 to 18 inches long when matured. Per packet 5c, ounce 15c



NICHOL'S MEDIUM GREEN.

Japanese Climbing-

Ten to twelve inches long, of fine green color; extra long vine Very prolific. Pkt. 5c, oz. 15c

Bismarck. - One of the best to grow under glass. Fruit long, slender, dark green. Per packet 10c

Moa's Forcing.-Excellent prolific sort for growing under glass.

Per packet 10c



GG PLANT. Should be sown, if possible in a hot bed, or in a warm light room in March and potted when two inches high. Plant in open ground about June 1. Carefully protect from intense avoid chilling. Use Stug Shot if you notice potato bugs on your egg plants.

Thornless Round Purple.—This variety has about superseded all others both for market and private use. The large size and high quality of its fruit and its extreme productiveness make it the most profitable for market gardeners. It often reaches a weight of 12 pounds. It is nearly round, high-colored and the vine is thornless.

Per packet 5c, ounce 30c

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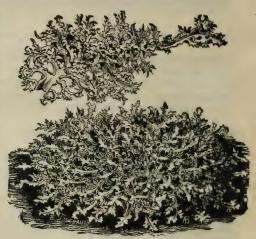
A tender and delicious salad winter fall and Comes in use lettuce after gone. Should be sown in June or July and when nearly grown the tips are tied to-gether to blanch the heart and move the bi the bitter taste.

Dallwig's Yellow Curled.—A very beautiful sort in which the leaves are very light colored, even the outer ones being nearly white. Plant moderately dense with divided leaves.

Yellow Broad Leaved .-Yellow Moss Curled.— Dallwig's Green Curled.—This is the hardiest variety, and very desirable for the home and market garden. The deep green leaves are beautifully cut and curled, easily blanched and

Broad Leaved.-

Per pkt. 5c, ounce 15c



ENDIVE.

KALE

1 oz. to 1,500 plants. Seeds may be sown in a moderately rich soil, in an exposed situation, in April or May. In transplanting treat the plants like young cabbages. The center leaves are used as spinach, and are much improved by

Dallwigs's Dwarf Green Curled.—Plant low and compact, but with large leaves curled, cut and crimped until the whole plant resembles a bunch of moss. It would be well worthy of its cultivation simply for its beauty. One of the best sorts (See half-tone plate 5). for use, and when grown and cooked is one of the most palatable of vegetables. Packet 5c, ounce 15c

Half Dwarf Green Curled.— Packet 5c, ounce 15c Dwarf Brown Curled.— Packet 5c, ounce 15c

KOHLRABI. 1 oz. to 1,500 plants. Grown for its turnip-shaped bulb which should be used when young and tender. It contains the flavor of Cabbage and Turnip and when properly prepared is one of the most delicious of vegetables. Sow in light, rich soil as early as possible, in drills 16 inches apart, and when well established, thin to 6 inches apart in row.

Dallwig's Star of the Market.—Much superior to Vienna. It is very early and the best for forcing as well as for outdoor culture. Bulb greenish-white, smooth, of finest texture and quality. Favorite Market Gardner variety. (See plate 4.) Pkt. 5c, oz. 20c

Early White Vienna.-A good market sort; flesh white and tender. Packet 5c, ounce 15c

Early Purple Vienna.—Differs from the above in color only. Pkt. 5c, oz. 15c

Large Late Green.-Hardy and late. | Large Late Purple-Packet 5c, ounce 15c Packet 5c, ounce 15c

Sow very early in the spring, in drills six inches apart and one inch deep. Thin out to one inch. When about seven inches high, transplant them in rows twelve inches apart, and as deep as possible, but to them when they grow; rich soil is required.

Draw up

Brabanter (Imported).-A large growing variety, with broad thick leaves. Packet 5c, ounce 10c

Giant Carantan. - A mammoth growing variety, often 3 inches in diameter, of excellent quality, becoming very white and tender. Pkt. 5c, oz. 10c Musselburgh.-Grows to a large size. Flavor mild and pleasant. Pkt.5c, oz. 10c





DALLWIG'S DWARF GREEN CURLED KALE



Dallwig's Star of the Market Kohlrabi.



White Plume Celery.

LETTUCE LOOSE LEAVED

One Ounce will Sow 150 feet of Row

Black Seeded Simpson. One of the best and most popular varieties, as it is attractive, of excellent quality, and continues a long time in condition Packet 5c, ounce 10c, ¼ pound 25c

Grand Rapids. The best sort for shipping. Stands more neglect in watering and ventilation, will grow more weight on the same ground and will stand longer after matured, than any other sort. Of handsome appearance, a strong grower, and not apt to rot, and will keep from wilting longer while exposed for sale than any other sort. The seed we offer is true Grand by Packet 5c, ounce 10c, ¼ pound 25c Rapids.

Earliest Cutting.—Medium sized, early variety for cutting, keeps right on growing. Pkt. 5c, oz. 10c



BLACK SEEDED SIMPSON.



ERFURT MAMMOTH YELLOW.

HEAD LETTUCE

Asiatic.—Large yellow. Pkt. 5c, ounce 15c, 1/4 lb. 35c Big Boston.—A splendid shipper, sure header, reliable, Packet 5c, ounce 15c, 1/4 pound 35c Brown Head.—Bright brown, interspersed very strikingly with bright green in less exposed or in depressed parts. Buttery and tender. Pkt. 5c, oz. 15c, 1/4 lb. 50c Deacon.-Large and very solid heads of an attractive light green color. Packet 5c, ounce 10c, 1/4 pound 30c Emperor Forcing.—Yellow, very early, for forcing only. Packet 5c, ounce 20c, ¼ ponud 60c

Erfurt Mammoth Yellow.—Large and very firm Leaves yellowish green bordered yellowish white. Quality excellent; delicate, sweet, buttery in flavor.

Packet 5c, ounce 20c, 1/4 pound 65c

Dallwig's Defiance Summer.—Absolutely the

best for summer use. Stands heat better than any other Packet 5c, ounce 15c, 1/4 pound 45c variety. Very large, solid heads of yellowish-green color. German Incomparable.—Very large and solid. Edges of leaves tinged brown. Of especial value on account of its long standing qualities. Packet 5c, ounce 15c, ¼ pound 40c Golden Spotted. Golden yellow beautifully spotted brown. Packet 5c, ounce 15c, 1/4 pound 35c

Mammoth Black Seeded Butter.—A selected strain with large, solid yellow heads. Favorite mar-

ket gardener variety.

Packet 5c, ounce 15c, 1/4 pound 45c

New Forcing.—The U. S. Department of Agriculture says in part of this Lettuce: "Highly recommended to market gardeners as an excellent forcing sort of the butter class. For a lettuce of its size

no variety grew better at Washington than this one. For compactness, solidity, and fine form no variety is more desirable." Seed for Department tests was furnished by us. Pkt. 5c, ounce 15c, 1/4 lb. 50c Paris Sugar.—Very large, solid and tender. Pkt. 5c, oz. 15c, 1/4 lb. 35c Prize Head.—Excellent home variety; tender and crisp, sweet in flav-Pkt. 5c, oz. 15c, 1/4 lb. 35c Salamander.-Good-sized, compact



MAMMOTH B. S. BUTTER.

heads; withstands drought and heat. Pkt. 5c, oz. 10c

delicious flaver. Packet 5c, ounce 10c, 1/4 pound 30c

Stonehead Golden Yellow.-For a rich, golden-

vellow color no variety is more beautiful or desirable than this one. Heads rather small, but very Packet 5c, ounce 20c, 1/4 pound 60c compact and solid, and of superb quality.

Stubborn Headed Yellow. - Large; one of the best varieties for general use; long standing before going to seed. Packet 5c, ounce 15c, ¼ pound 40c



ROCKY FORD.

MUSK MELON

Musk Melons thrive best in a warm, rich, sandy loam. After thorough spading or plowing make hills 5 feet apart each way, and mix with the soil of each 2 shovelsful of well rotted compost. As soon as warm weather becomes established, plant 12 seeds in a hill; thin out when all danger from insects has passed, leaving 3 of the stockiest plants to a hill. Use Slug Shot to kill bugs.

Green-Fleshed Sorts

Champion Market.-Large, almost perfect globe, densely netted, light green, sweet flavored.

Early Hackensack.-Very sweet and juicy.

Montreal.-Large light green; late. Netted Gem.-Thick-meated, fine luscious flavor; very early.

Netted Nutmeg.-Sweet green, very early.

Rocky Ford .- Has attained national fame for dainty appearance, ex-

Always of Good Quality

cellent quality and delicacy of flavor. Flesh light green, exceedingly sweet, and fine grained.

____YELLOW-FLESHED VARIETIES _____

Osage. - Exceedingly sweet and high-flavored. The most popular of all, and styled the "Queen of Melons". Slightly netted, medium sized and cocoanut-shaped. Flesh of rich salmon color.

Tip Top in Productiveness **Tip Top in Quality** Tip Top in Appearance Sweet, juicy, finest flavor, firm (but not hard) fleshed, and edible even to the outside coating. The fruit is of large size, nearly round, evenly ribbed and moderately netted.

Paul Rose. firm flesh is a rich orange red color. The firm solid flesh and strong rind make it the best shipper we know of, while it is just the size for hotel and table use.

PRICES

ALL MELONS LISTED ON THIS PAGE Packet 5c, ounce 10c, 1/4 pound 25c

MUSTARD

White London.-Best for salads. ½ pound 10c, pound 20c

OKRA

Cultivated for its PAUL ROSE MELON. young seed pods which are used in soups or stewed and served like asparagus. The pods, when young and tender, may be sliced in sections and strung on a thread and hung up in the shade to cure; in this condition they can be used for soup at any time. Packet 5c, ounce 10c, 1/4 pound 20c





WATER MELON

Treat the same as Musk Melon, except that they should be planted 8 feet apart. Cuban Queen.—Bright red, solid and heavy; good quality.

Extra Early.—Fine quality, medium size, flesh red.

Packet 5c, ounce 10c, 1/4 pound 25c

Kolb's Gem.-Light green, flesh bright red; rich and sweet; a good shipper.

Mountain Sweet.-Standard sort; good flavor, large size. Sweet Heart.-Popular shipping melon. Large, oval, very heavy; rind thin but firm. Flesh bright red, firm but very tender, melting and sweet.

Preserving Citron.—A round melon used for preserving.

PRICES: Above varieties, except when otherwise noted: Packet 5c, ounce 8c, ¼ pound 20c



MUSHROOMS.

MUSHROOM SPAWN

Mushrooms are easy to grow and beginners are often as successful with them as are those having an extensive experience. There is a widespread impression that there is some secret in the cultivation of mushrooms, that the whole procedure is shrouded in mystery, and that the mushrooms have even to be grown in midnight darkness; but this is a mistaken idea. A suitable place is almost anywhere under cover in a temperature below 65 degrees. Total darkness is not imperative, for they grow well in open light if shaded from sunshine. With each order we furnish free our leaflet, "How to Grow Mushrooms", giving plain, concise directions. By following these, anybody can grow this most luxurious and highly prized of all vegetables. We receive five shipments of spawn yearly, so that we have fresh stock always on hand.

English Spawn.—In bricks weighing about 1¼ pounds each.

Per pound 12c, 10 pounds \$1.00

Vegetable Gardening

A MANUAL ON THE **GROWING OF VEGETABLES** FOR HOME USE AND MARKETING

BY SAMUEL B. GREEN

Paper Covers 50c

Cloth Bound \$1.00

ONION

OUR STOCK IS FULLY EQUAL TO ANY AND SUPER-

IOR IN QUALITY TO MOST THAT IS OFFERED.

A deep, rich loam is best suited to Onions. The ground should be heavily dressed with well-rotted manure, and plowed a moderate depth, taking a narrow furrow in order to more thoroughly mix the manure with the soil; if possible the plowing should be done in the fall. As early in the spring as the ground is in working order, harrow thoroughly and make as level as possible; sow thinly in drills, one-fourth inch deep and twelve inches apart. Keep the surface of the ground open, and free from weeds, but do not ridge up to the growing bulbs. One ounce will sow 100 feet of drill; 4 to 5 pounds per acre.

MICHIGAN YELLOW GLOBE Perfect in Shape, Best Color, Greatest Yielder,

The largest crops of onions are always produced on rich, black lands. On such soils it is found that a globe shaped onion gives the largest returns, and to meet the demands of the professional onion grower located on such lands, we have offered this variety. The bulbs are large, and uniformly

spherical, with very small necks; of a rich orange-yellow color; enormous yielders and splendid keepers. No onion grower can afford to plant inferior seed, when

such as this can be procured. Packet 5c. ounce 15c, lb.

35c



EXCELSIOR PICKLING

This is an early, small, round, hard variety, with an opaque white skin. Crisp, tender, and very handsome. Packet 5c, ounce 20c,

y pound 60c



form than the original Yellow Danvers: thus giving larger vields and handsomer bulbs without sacrificing any of the good qualities. Packet 5c, ounce 15c

1/4 pound 30c

MICHIGAN YELLOW GLOBE.

∨ Long-Keeping Australian Brown

It is of medium size, wonderfully hard and solid and most attractive for market. It is extremely early in ripening, and never makes any stiff necks or scallions. It will keep longer in good condition than any other onion known. The color of the skin is a clear amber brown. Packet 5c, ounce 15c, 1/4 pound 30c



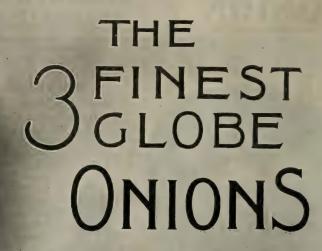
Onion Sets may be planted as early in the spring as the condition of the ground will permit, and these will produce onions in the



AUSTRALIAN BROWN.

green state by June. Set about 4 inches apart in drills 1 foot apart. One quart to 100 feet of drill.

Yellow, White, and Red Bottum Sets. Multipliers. True Top Onions. Write for prices.



Southport White

Southport Red

Southport Yellow





ONION (Continued.)

Prizetaker Onion .- This is the largest, handsomest and most profitable variety ever grown. The outside skin is of a rich yellow straw color, while the flesh

is white, sweet, mild and tender. Packet 5c, ounce 20c

Australian Brown Globe.-Perfectly round or globe shaped. The skin is a light brown. Flesh pure white, mild. Quick to mature, a long keeper, solid and heavy, an excellent onion Packet 5c, ounce 15c, 1 pound 40c for shipping.

Large Yellow Strassburg.-A good keeper, valuable for Packet 5c, ounce 15c shipping.

Southport Yellow Globe. - A handsome globular variety of excellent flavor. Also very desirable as a good keeper. Per packet 5c, ounce 20c

Round Dutch Pickling .- A round, hard, white variety, excellent for pickling. Pkt 5c, oz. 20c

Round White Silverskin .- Early, small, round variety with an opaque white skin. An excellent sort for use in bunch-Pkt. 5c, oz. 20c ing, for pickles or as large onions.

Earliest White Queen.—Small, flat, pure white, marvelous rapidity of growth. Packet 5c, ounce 20c

Southport White Globe.—A showy large white variety

Packet 5c, ounce 20c Pearl.—Earliest of all, pearly white, translucent. Form flat, Pkt 5c, oz. 25c

flavor mild. Keeping qualities good.

Mammoth Silver King.—A beautiful silvery onion, of great size and weight. globe. Fresh snowy white meat, delicate, sweet and tender. It matures early. Form a depressed Pkt. 5c, oz. 20c Silver Skin or White Portugal.—Large, solid and handsome white globe. Pkt. 5c, ounce 20c

Extra Early Barletta Onion.—The earliest onion grown; pure white color, mild and of delicate flavor; Per packet 5c, ounce 20c for pickling or table use.

Wethersfield Large Red .- A large, deep red, flat variety. Productive, Good Keeper. Pkt. 5c, oz. 15c Extra Early Red Onion .- Of unusually early maturity, medium size, deep red in color and excellent Per packet 5c, ounce 20c keeper.

is of medium size, spherical with small neck, very deep, rich red color, and of superior quality. large producer and good shipper. Packet 5c, ounce 20c

MINNESOTA RED GLOBE.-

This is a new true globe onion, of the finest and most select type, so called todistinguish it from other stocks of red globe onions, differing in earliness, productiveness, perfec-tion of shape and long keeping qual-

Packet 5c, ounce 25c





PARSLEY Requires rich, mellow soil. The seed is slow in germinating, and should be sown as early in the spring as possible, in drills one foot apart. When the leaves become old and dull they may be cut off and the plant will start a new growth which will be brighter and better curled.

Plain Parsley.-Leaves longer than the curled. Pkt. 5c, oz. 6c, 1/4 lb. 15c Early Moss Curled.—Leaves beautifully curled, light green, extra fine for garnishing. Very compact. Packet 5c, ounce 8c, 1/4 pound 20c Packet 5c, ounce 10c, 1/2 pound 25c Moss Curled Turnip Rooted .-

Packet 5c, ounce 10c, 1/4 ponud 25c

Sow as early in the spring as weather will permit

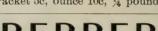
long, wedge-shaped variety, broad at

the shoulder, and easily taken out of



EARLY MOSS CURLED PARSLEY.

Packet 5c, ounce 10c, 1/4 pound 20c the ground. A heavy cropper. Packet 5c, ounce 10c, ¼ pound 20c. Hollow Crown.—Smooth, tender and sugary. Magnum Bonum.-A smooth, productive variety of delicate flavor. Not as long as Packet 5c, ounce 10c, 1/4 pound 20c Hollow Crown, but somewhat thicker.



Sow in hotbeds or boxes in the house, and set ou about the last of May, in warm, rich soil.

Bell. or Bull Nose .- Large bright red; largely used for pickling.

Cayenne Long Red .- Fruit long, slender, bright red, ve-

ry hot and pungent; productive,

Large Sweet Spanish .-The large red variety generally used for salad; very sweet and mild; bell shaped.

Ruby King .- A large variety of Sweet Spanish; very showy, symmetrical; of a bright ruby red color; best for stuffing.

ABOVE VARIETIES Pkt. 5c, oz. 20c, 1/2 lb. 60c New Upright Sweet Salad .-Handsomest, most productive and finest quality Pepper yet produced.

Large, smooth, thick fleshed, mild and very sweet. Bright scarlet in color. The



RUBY KING PEPPER.

Packet 10c

LARGE BELL, OR BULL NOSE PEPPER. fruit is borne upright, and held clear of the ground.

Mammoth Virginia--The most profitable variety to grow, and more desir-PEANUTS. able than the common spreading kind, because more easily cultivated; very erect stems and upright foliage and the largest pods and kernels of any variety; also fewer imperfect pods. Packet 5c, 1/4 pound 10c, pound 30c

PEAS

Peas mature earliest in light rich ground; for the main crop a moderately heavy soil is best. Commence sowing the early sorts as soon as the ground can be worked, and continue for a succession every two weeks until August.

Prices do not include postage; if to go by mail add at rate of 15c per quart. All Peas 5c per Packet.

Landreth's Extra Early. Everywhere the standard for earliness, maturing for table forty-five days from germination and frequently, under peculiar conditions, in thirty-eight days. Vines 2 feet high, sticks not necessary. May be planted in August and still produce a crop. Per pint 13c, quart 25c



THOMAS LAXTON PEA.

should try it.

Extra Early Market. Since we introduced this pea some years PFAS. (Continued.)

ago we have thoroughly satisfied ourselves that this is the earliest and most even stock of White

Extra Early Peas in existence, maturing so well together that a single picking will secure the entire crop, making it the most valuable pea for the market gardener. Vines vigorous and hardy, extremly prolific, the pods being numerous, and well filled with peas of good size and delicious flavor. The seed is yellow.

Per pint 15c, quart 25c

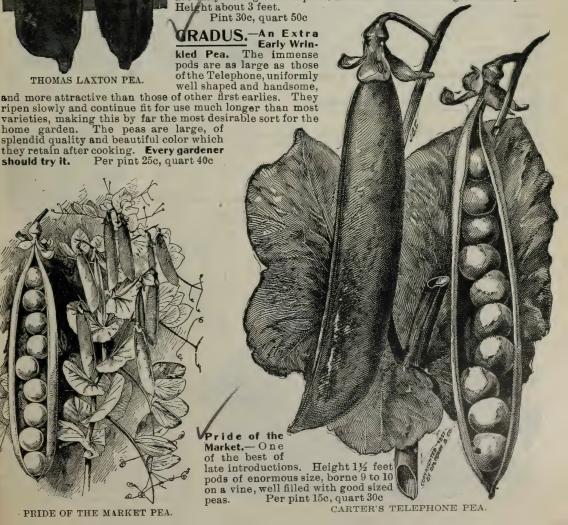
laska,-Seven days earlier than most early sorts, of larger size and ten per cent more productive. Grow about 2 feet high and bear 4 to 7 long pods which are filled with medium-sized, bright green peas, of excellent flavor. Per pint 15c quart 25c

Mmerican Wonder.—A popular dwarf, early, wrinkled pea.

Per pint 15c, quart 30c

Nott's Excelsior.—This is a very fine new extra early dwarf wrinkled Pea, the pods average fully one-The Best Early Dwarf Pea. third larger than the American Wonder, and while perhaps not quite so early, by a few days, are all ready for picking at one time. Each pod contains six to eight large peas, which are of unusually sweet flavor. So closely are the peas packed in the pods that they are flattened against each other. A most desirable sort for the market gardener, and unsurpassed for the home garden. Per pint 15c, quart 30c

Thomas Laxton."—Even superior in earliness, hardiness and large size of pod to Gradus which is one of its parents. Notwithstanding its great earliness, the pods are fully as large as Telephone and well filled with large luscious peas.



PRIDE OF THE MARKET PEA.

PEAS (Continued.)

Surprise—Possesses the quality of the American Wonder and is as early as the Earliest of the Hard Peas. The young

vines grow 24 inches high and need no bushing, the pods are well filled containing 6 or 7 peas. The Peas are not as large as those of the American Wonder, but Surprise is a far better cropper and ready for market days before.

Per ½ pint 10c, pint 20c, quart 30c

remlum Gem. - An improvement upon the Little Gem, larger and more productive.

Per pint 15c, quart 30c

Improved Tom Thumb.—Vine bushy, growing to a height of five to eight inches.

Per pint 15c, quart 25c

Dwarf Telephone. Vines about 18 inches high. Dwarf, vigorous growth; very productive. Pods 5 inches long, filled with pale green, deliciously flavored peas. Per pint 15c, quart 30c,

TELEPHONE. -Vine vigorous, grant about four feet high, with large, coarse leaves. Pods very large, filled with immense peas, which are tender, sweet and of excellent flavor. Notwithstanding the large amount of inferior and spurious stock which has been sold, no pea of recent introduc-tion gained more rapidly in popularity than this, thus showing that it has sterling merit which gardeners appreciate. The stock we offer is prolific and has been carefully selected. Illustration page 21.] Per pint 15c, quart 25c

Duke of Albany.--Immense pods of dark green color on style of Telephone. Pt. 15c, at. 30c

Peruvian Black-Eyed Marrow Fat.-A vigorous grower. Plant on poor soil.



THE NEW SURPRISE PEA.

Per pint 10c quart 15c

Imported Sugar Fuerst Bismarck.—Earliest dwarf, 1½ feet high, fully a week earlier than any other existing early Sugar Pea. Edible Pods. Per pint 25c, quart 50c

Imported Mammoth Sugar .- (White Seed). An edible podded variety, growing about four feet high, pods very large. Being edible podded, it should be used in the same way as a wax bean; very sweet and tender. Per pint 25c, quart 50c

ed skin, flesh sweet and sugary.

Mammoth Tours.—A French variety growing to immense size. Packet 5c, ounce 15c

Sugar.—An excellent small, round Pumpkin, with deep orange color-Per packet 5c, ounce 10c

Common Field.—Used for cattle feeding; very productive sort.

Lb. 25c



-1 peck will plant about 125 hills,-

Our seed potatoes are "Northern Grown" by expert cultivators, and have been selected for quality with the greatest care. Our revised list contains the cream only. Inferior sorts are eliminated. The

tubers are large and free from disease. Prices on Application.

White Ohio .- Identical in every way to the best type of old Ohio, except in color, which is a fine white. It has given the best of satisfaction in the past. For every locality where a White Potato is the popular market color this new Ohio is bound to be a winner.

Hewes' Early .- This new seedling resembles the Acme and Early Six Weeks. It is extremely early, very free from mixture with any other kinds, cooking and keeping qualities unsurpassed.



EARLY SIX WEEKS.

are much smoother and of better shape than the well known Early Ohio, while the yielding qualities are improved one third. They keep firm until late in the spring.

Early Rose.—We claim for our stock of this well-known variety extra earliness and better yielding qualities than found in the average stock.

Carmen No. 1. — This potato is medium in season, resembles the Rural New Yorker in appearance, flesh white. Its chief characteristic is enormous productiveness; of finest quality, dry, white, mealy.

USE HAMMOND'S SLUG SHOT to destroy potato bugs and those on tomato and egg plants, current worms, cabbage lice and worms,

on fruit and ornamental trees.

POTATOES. (Continued.)

Early Six Weeks. - Medium size, smooth, oblong, skin pink, flesh white, tubers grow close together in the hill and grow so

rapidly that under favorable circumstances they are fit for family use in 6 weeks from the time of planting; mature in 10 or 11 weeks.

Improved Extra Early Ohio. - Standard extra early Potato, maturing two weeks ahead of the Early Rose. A special favorite with marketmen and the most profitable sort they can grow. It gives satisfaction in all parts of the country. In this improved type the tubers



IMPROVED EXTRA EARLY OHIO.

gots. Sow in drills 10 should be sown in July.

fleas, beetles and striped bugs on melons, turnips, beets, onions, etc., canker worms and caterpillars Price per lb. 7c, 5 lbs. 30c

For the first crop sow as early in the spring as the ground can be

worked, and every two weeks, for a succession. A warm, sandy loam will be most likely to afford them brittle and free from mag-gots. Sow in drills 10 to 12 inches apart. The winter varieties

RADISH.

Early Scarlet Globe

Selected Stock

A small, round, turnipshaped, red radish, with a small top, and of very rapid growth. Mild, crisp, juicy and tender. Bright scarlet color. Desirable for forcing or for outdoor planting. For family use this should be sown every ten days in order always to have a fresh supply.

Packet 5c, ounce 10c, 1/4 pound 20c

Crimson Giant

or Wurzburg Giant Forcing This giant radish devel-

ops roots 2 inches in diameter and over an ounce in weight, without getting pithy or hollow. Notwithstanding its extraordinary size and

weight, this is a splendid forcing variety, its pure white flesh remaining firm and crisp and of the mildest flavor. Equally good for outdoors. Sow the seed thinly, to Packet 5c, ounce 10c, 1/4 pound 30c permit full development of the roots.



See illustration to left.



RADISH.

New White Radish "Icicle." - Vies in earliness with the

earliest forcing radishes. Roots of pure snowy, almost transparent whiteness, four inches in length and half an inch in diameter; they retain their crispness and fresh, mild flavor a long time. They are slenderly tapering, with very few small leaves. Per packet 5c, ounce 10c

Dallwig's "20 Day Radish."-Excellent for Forcing. Quick growth is one of the main essentials for a crisp and tender radish. This variety matures very rapidly, making it valuable both for forcing and outdoor culture. The flesh is pure white, very crisp and of pleasant flavor; the skin is a most attractive bright scarlet. Very shortleaved. Form slightly elongated or cone-shaped.

Per packet 5c, ounce 10c, ½ lb. 25c

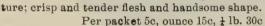
It is of quick growth,

twenty-eight days. size, round, smooth skin. The flesh is

Golden Dresden.-A very valuable sort both for market and family use. making radishes in

The roots are of medium and have a clear golden white and of fine flavor. Ounce 10c, 1 pound 20c Early Oval-Shaped

White .- A new white radish, very similar to our Oval-Shaped Golden Yellow. and equally valuable for forcing or open-air cul-



Wuerzburger Giant Forcing. - This new Forcing Radish grows to the large size of 2 inches in diameter without getting pithy. It is of excellent quality, crisp, tender, of beautiful rich red color, and is equally as well adapted for outdoor culture as for hotbed forcing. Per packet 5c

Dallwig's Oval Shaped Golden Yellow. Skin rich golden yellow; flesh white, very crisp and tender. The roots are oval, smooth and handsome.

Per packet 5c, ounce 10c, 1 pound 25c

WHITE STRASSBURG RADISH .- The roots are of handsome oblong, tapering shape; both skin and flesh are pure white. The flesh is firm, brittle and tender, and possesses the most desirable characteristic of retaining its crispness for a long time. It is excellent for summer use as it withstands severe heat and grows very quickly. The seed can be planted throughout the summer and fine large roots will be rapidly

formed. Valuably for family use and the market gardener. Packet 5c, ounce 10c, 1 pound 20c



should not be compared with product where seed is drilled and har. vested without selection.

Is saved from

planted roots by seed growers of experience,



WHITE STRASSBURG





OVAL SHAPED GRAY SUMMER NO. 1.

OVAL SHAPED GRAY SUMMER NO. 2.

2 SPLENDID GRAY SUMMER RADISHES 2

Everybody ought to try these two really great Radishes.

Last season we were unable to supply the heavy demand for these. They "took" at once, and gardeners who grew them reported a wonderful and steady call for them.

Oval Shaped Gray Summer No. 1.—Smooth, solid, crisp and tender, never grows pithy Equally fine for forcing or open air culture. A very smooth and handsome radish of oval shape, and gray color; on some soils the color is almost black, which is lightened, however, by the irregular white lines appearing at intervals. Unlike most large radishes this variety may be forced under glass, never losing any of its delightful flavor and crispness. Grown in the open, it matures about the same time as our Oval Shaped Golden Yellow. Packet 5c, ounce 15c, ¼ pound 45c

Oval Shaped Gray Summer No. 2.—This variety is in every respect equal to our No. 1. It is somewhat later, lighter in color, and grows to a larger size. Like No. 1, it may be grown under glass as readily as outdoors, and is a valuable succession to the former. The skin is smooth, the flesh crisp tender and of finest flavor.

Packet 5c, ounce 15c, ¼ pound 45c

Non Plus Ultra.—Round deep scarlet; small tops; matures in twenty days	POPULAR EARLY AND SUMMER RADISHES.	Pkt.	Oz.	1/4 lb.
Erfurt Dreienbrunnen.—Round scarlet; for forcing and outdoor planting; fine Hamburg Forcing.—Very early, short top; excellent scarlet forcing variety	Non Plus Ultra.—Round deep scarlet: small tops: matures in twenty days	05	10	20
Hamburg Forcing.—Very early, short top; excellent scarlet forcing variety		05	10	20
French Breakfast.—Olive shaped; scarlet with white tip. Showy and delicate 05 10 20 Yellow Button.—Same shape as the Scarlet Globe, yellow skin				25
Yellow Button.—Same shape as the Scarlet Globe, yellow skin	Scarlet Turnip, White Tipped.—Early deep scarlet with white tip; round	05	10	20
Earliest White Turnip.—Short top. Small, delicate, white bulbs; fine for forcing delicate.—Turnip shaped, snow-white; mild and crisp; mature in 19 days do delicate.—Turnip shaped, snow-white; mild and crisp; mature in 19 days do delicate.—Long Scarlet Short Top.—Long, straight, smooth, rich scarlet, a quick grower delicate. Delicater.—Similar in shape but not as long as Long Scarlet. Pure white do delicate.—Very large, heart shaped, white radish of quick growth delicate.—Excellent for summer use	French Breakfast.—Olive shaped; scarlet with white tip. Showy and delicate	05	10	20
Hailstone.—Turnip shaped, snow-white; mild and crisp; mature in 19 days 05 10 25 Long Scarlet Short Top.—Long, straight, smooth, rich scarlet, a quick grower Lady Finger.—Similar in shape but not as long as Long Scarlet. Pure white 05 10 25 10 25 10 25 10 26 10 26 10 26 10 26 10 27 10 2	Yellow Button.—Same shape as the Scarlet Globe, yellow skin	05	10	
Long Scarlet Short Top.—Long, straight, smooth, rich scarlet, a quick grower Lady Finger.—Similar in shape but not as long as Long Scarlet. Pure white 05 10 25 10 25 10 20 25 10 20 25 10 20 26 10 20 27 27 28 28 28 28 28 28 28 28 28 28 28 28 28	Earliest White Turnip.—Short top. Small, delicate, white bulbs; fine for forcing	05	10	
Lady Finger.—Similar in shape but not as long as Long Scarlet. Pure white. 05 10 25 Giant White Stuttgart.—Very large, heart shaped, white radish of quick growth 05 10 20 Oval Shaped White Summer.—Excellent for summer use	HailstoneTurnip shaped, snow-white; mild and crisp; mature in 19 days	05		
Giant White Stuttgart.—Very large, heart shaped, white radish of quick growth Oval Shaped White Summer.—Excellent for summer use	Long Scarlet Short Top.—Long, straight, smooth, rich scarlet, a quick grower	05	20	
Oval Shaped White Summer.—Excellent for summer use	Lady Finger.—Similar in shape but not as long as Long Scarlet. Pure white		10	
Delicacy.—Very early, snow-white, tender. Fine for forcing or open ground 05 10 20 White Munich.—Crisp and tender; agreeably pungent flavor, oval shaped 05 10 25 Chartier.—Rose-colored tapering to white at the tip; long 05 10 20 Black Summer Turnip.—Skin deep black, flesh white, crisp, tender and firm 05 10 20 Gray Summer Turnip.— An excellent round gray radish for summer use 05 10 20	Giant White Stuttgart.—Very large, heart shaped, white radish of quick growth			
White Munich.—Crisp and tender; agreeably pungent flavor, oval shaped	Oval Shaped White Summer.—Excellent for summer use		2.0	
Chartier.—Rose-colored tapering to white at the tip; long			~ ~	
Black Summer Turnip.—Skin deep black, flesh white, crisp, tender and firm 05 10 20 Gray Summer Turnip.—An excellent round gray radish for summer use 05 10 20				, =-
Gray Summer Turnip.—An excellent round gray radish for summer use 05 10 20				
dray Summer turing.— An excellent found gray radish for summer disc				
Half-Long Gray Autumn.—Splendid for fall and winter use 05 10 30				
	Half-Long Gray Autumn.—Splendid for fall and winter use	05	10	30



HALF-LONG BLACK



RUTABAGA.

RADISH. (Continued.)

firm texture.

WINTER RADISH. Long Black Spanish. — Root oblong, black, of very large size and Per packet 5c, ounce 10c, 1 lb. 20c

Long White Spanish. - Valuable for winter use, of remarkably fine keeping quality.

Per packet 5c, ounce 10c, 1 lb. 20c

Round Black Spanish.—A turnip-shaped, black-skinned winter-keeping Radish. Per packet 5c, ounce 10c, 1 lb. 20c

Half-long Black Winter.-Intermediate in shape between the Round and Long Black Spanish. Per packet 5c, ounce 10c, 1 lb. 20c

Scarlet China Winter .- Scarlet and pink in color, tipped white.

Per packet 5c, ounce 10c, \(\frac{1}{4}\) lb. 20c

RHUBARB OR PIE PLANT.

Culture. A deep, rich soil is best for Rhubarb. Sow early in drills, eighteen inches apart and one inch deep; the spring following transplant, allowing each plant at least two feet square; each fall mulch with manure. Never allow to run to seed. One ounce makes about 600 plants.

Victoria.—Leaf stalks very tall and large. Skin thick and red-stained. Pulp quite acid. Very productive and profitable for market gardeners.

Per packet 5c, ounce 15c, ½ lb. 40c

RUTABAGA

Culture. Sow the seed about a month earlier than turnips. They should be sown on ground enriched with well rotted manure, in drills two and onehalf feet apart, and thinned to six to eight inches apart in the row. Keep the weeds thoroughly in check with the hoe or cultivator, and when the roots have grown full size.

VICTORIA RHUBARB. and before hard freezing weather, pull, cut off the tops and store in a root cellar or pit. Ruta Bagas are sometimes sown broadcast and let take their chances with the weeds and bugs, but this method is only successful on new clearing in which there is no weed seed.

The Bloomsdale Swede .- In foliage it is not superabundant (as is European Swede); the shape is nearly globular and without neck, the crown deep purple, the flesh is very rich yellow.

Per packet 5c, ounce 10c, ½ lb. 20c

White Fleshed Purple Top Rutabaga. - Differs from the yellow "Swede" in interior color. For table use some families prefer it to the yellow.

Per packet 5c, ounce 10c, ‡ lb. 20c

SALSIFI OR OYSTER PL

Culture. Sow when the cherry is in bloom, in drills, in drills should be eighteen inches apart. When the plants are up a few inches, weed and thin them so as to stand four or five inches from each other. Preserve in pits, the same as Carrots or Beets or Beets

Sandwich Island .- A variety superior to the French sort producing smoother, larger, and more vigorous roots. Per packet 5c, ounce 15c, \(\frac{1}{4}\) lb. 30c

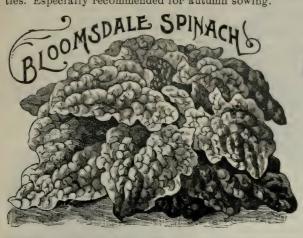
Imported Scorzonera or Black Salsifi. - With the same culture three times the quantity can be grown on same area as Salsifi. It should be better known. The skin only is black. Per packet 5c, ounce 30c



Mammoth Russian.-Grows to double the size of the common Sunflower. Highly recommended for poultry; the best egg-producing food known. Per pound 80

BLOOMSDALE.—Curled, twisted and bloated to an unusual degree, giving the leaves an elasticity especially fitting them for distant shipments, while at the same time giving the crop large measuring qualifor autumn sowing.

Packet 5c, 1/4 pound 10c, pound 25c ties. Especially recommended for autumn sowing.





SWISS CHARD.

ROUND THICK-LEAVED.—The popular market variety; good for either fall or spring sowing; large thick, round leaves; an immense yielder. Packet 5c, ¼ pound 10c, pound 25c

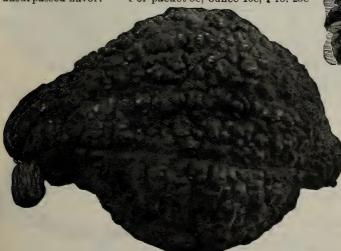
Long Standing.—Excellent for spring, as it is slow going to seed. Packet 5c, 1/4 lb. 10c, lb. 25c Victoria.—Heavy, broad, dark green leaves. A fine variety for spring sowing, being slow to run to Packet 5c, 1/4 pound 10c, pound 25c

Swiss Chard or Summer Spinach.—Cut and Come Again Spinach, Far superior to the common beet for greens and equal to spinach. It makes a rapid growth of leaves, and is fit for use sooner than any spinach. For summer use it is superior to Spinach, because it can be cut throughout the summer and fall, when no spinach is to be had. The leaves later grow very large, with broad, flat, white, wax-like stems and mid-ribs which may be prepared like asparagus. Packet 5c, ounce 10c, 1/2 pound 20c

Culture. Few farmers appreciate the value of winter squash as food for stock. We think an acre of quasn. food for stock. We think an acre of squash costing no more to cultivate, and much less to secure, will give as much food available for feeding stock as an acre of corn, and we strongly urge our readers to try a "patch" for this purpose. Plant when all danger from frost is past, and get in the winter varieties as soon as possible in order that they may the winter varieties as soon as possible in order that they may mature. Plant in hills 4 feet apart for the bush varieties and 6 or 8 feet apart for running sorts. Put 6 or 8 seeds in a hill, thinning when all danger from insects is past to 3 or 4 plants in a

SUMMER SQUASH. Early White Bush.—Earliest in maturity. Tender and delicate. Per packet 5c, ounce 10c, 1 lb. 25c

Boston Marrow.-Color rich orange, a good keeper and of unsurpassed flavor. Per packet 5c, ounce 10c, 1 lb. 25c



CHICAGO WARTED HUBBARD.



EARLY WHITE BUSH.

Golden Summer Crook - Neck. -Golden color, skin profusely warted; flavor superior.

Packet 5c, ounce 10c, ½ lb. 25c

WINTER SOUASH.

Chicago Warted Hubbard. - Combines all the good points of the original Hubbard with rougher, harder, warted shell, making it especially valuable for shipping great distances.

Packet 5c, ounce 10c, 1 lb. 25c



The Delicious Squash-Closely follows the original Hubbard. In thickness of flesh it surpasses nearly every variety, the color being dark orange. For table use no squash compares with it in its remarkable combination of fineness and compactness of grain, dryness, sweetness and exceeding richness of flavor. It is a fall and winter squash, and though at any time

GOLDEN HUBBARD. — Of the same shape as the ordinary Hubbard. It is an excellent keeper, so that it can be held over for spring use. The shell is warty, hard and strong, and of a

beautiful orange-red color. flesh is deep orange to the rind. Packet 5c, ounce 10c, 1 lb. 25c

Hubbard .- Desirable for use throughout the Winter and Spring; flesh bright orange yellow, fine grained, very dry, sweet and rich flavored. Pkt.5c, oz. 10c, ½ lb. 250



HUBBARD

excellent, it, like the old Hubbard, does not acquire its best quality until winter. Packet 5c, oz. 15c

Tobacco Seed. Culture. The seed should be sown as early as possible after danger of frost is over. A good spring on the ground intended for the seed bed, then dig and thoroughly pulverize the earth and mix with the ashes, after which the seed may be sown and covered very lightly. When the plants are about 6 inches high, transplant into rows 4 or 5 feet apart each way, and cultivate thoroughly with plow and hoe.

Connecticut Seed Leaf .- Perhaps the variety best adapted to the climate of the Middle and Northern States, being comparatively hardy. Per packet 5c, ounce 20c, ‡ pound 60c

- From pure Cuban grown seed. When grown in this country commands a high price for Havana. Per packet 5c, ounce 40c cigar stock.

For feeding stock in fall and winter, there is nothing superior to Turnips and Rutabagas, and they will yield a larer amount of food than almost anything else on the same space of ground. We cannot too earnestly recommend best soil is a new light, rich loam, entirely free from fresh manure. Sowing for summer use should be made early in the spring, for fall or main crop from middle of July to middle of August

Purple Top Milan.—Earliest, flat, medium size, solid, fine-grained. Packet 5c, ounce 10c, 1/2 pound 20c, pound 50c

Purple Top, Strap Leaved .- Popular early, flat variety; med-Packet 5c, ounce 8c, 1/4 pound 15c, pound 35c Purple Top White Globe. - Early globe-shaped variety of large

size and very rapid growth; fine quality. Packet 5c, ounce 8c, 1/4 lb. 15c, lb. 35c

Early White Flat.-Popular early table turnip. Packet 5c, ounce 8c, 1/2 pound 15c, pound 35c

White Egg. - Quickgrowing, pure white, perfectly smooth, egg shaped variety. The flesh is very sweet, firm

and mild. Packet 5c, ounce 8c, ½ pound 15c, pound 40c Amber Globe.—A yellow-fleshed

turnip of large size. Keeps well.

PURPLE TOP WHITE

Packet 5c, ounce 8c, 1/4 pound 15c, pound 35c Teltower.-Small, sweet, white, German variety of fine quali-Packet 5c, ounce 10c, ¼ pound 20c, pound 50c ty.

If wanted by mail add 8 cents per pound for postage in quantities over 1/4 pound.



TOMATO. Culture Sow in a hotbed in early spring, or the seed may be sown in shallow through the solution of a hotbed. Transplant to the open ground when danger of frost is past, setting the plants three feet apart each way. Tomatoes do best on light, warm, not over-rich soil.

A LICE OF CTANDARD TOMATORS WORTH COCHUNG			
A LIST OF STANDARD TOMATOES WORTH GROWING.	Pkt.	Oz.	34 lb.
Atlantic Prize.—The earliest of all, smooth, red and solid	05	20	60
Acme.—Size medium, color reddish with slight tinge of purple; flesh deep scarlet and unusually solid. Beauty.—Fruit large, uniform in size, very smooth; skin purplish pink, flesh light	05	20	60
Beauty.—Fruit large, uniform in size, very smooth; skin purplish pink, flesh light	05	20	60
pink, of excellent flavor		-	
red	05	20	60
Perfection.—Early, large size, very productive, fine blood red	05	20	60
Paragon.—Large, solid and smooth, deep red	05	20	60
Magnus.—Purple-red fruit of largest size. Early and ripens evenly. Flesh thick,			
free from cracks, and is of excellent flavor	05	20	
Stone.—Perfectly smooth, bright scarlet, very solid, good shipper	05	20	60
T. T. T. or Ten Ton Tonato. Fruit deep red, smooth as an apple	05	20	60
Crimson Cushion.—Brilliant scarlet crimson. Extra large	05	20	
Trophy.—Smooth, solid as an apple, fine in color, prolific	05	20	60
Peach Tomato.—Resembles a peach in shape, size and color, covered with a	05	20	60
delicate bloom or furze like a peach; of most delicious flavor	05	20	60
Large Yellow.—A bright yellow; large, early, solid	05	20	60
Red Cherry.—Borne in large clusters; for preserving and pickling; bright red	05	20	60
Pear Shaped. — (Yellow). Used for preserving and pickling	05 05	20	60
Pear Shaped.—(Red). Differs from the above only in color	05	20	60
Husk Tomato or Ground Cherry.—This is liked by many for preserves and for	00		
eating from the hand. The seed we offer is that of the true Yellow Ground			
Cherry, and not the purple fruited sort which is scarcely edible.		20	60

Honor Bright.—The best for late crop. Very productive and unequaled for shipping. Pleasing, palatable flavor, bright red color. The clusters bear 3 to 5 large, perfect fruits, which ripan evenly from blossom end to stem. Its table qualities are superb, the flesh when ripe being tender and melting.

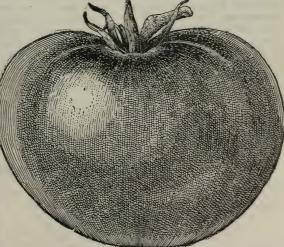
Packet 5c, ounce 20c, ½ pound 60ct

Nolte's Earliest.—Remarkable for its earliness, large size, handsome shape and bright red color. Its solidity and fine quality are quite equal to the best medium and late sorts, while it ripans nearly as early as Atlantic Prize. Pkt. 5c, 1/4 oz. 10c, oz. 30c, 1/4 lb. 90c



NOLTE'S EARLIEST.

SPARKS' EARLIANA.—No Tomato ever introduced has brought so mach favorable comment. It stands unsurpassed for a first-early variety combining great size. The



SPARKS' EARLIANA.

fruit grows very uniform, of fine shape, and is a bright red. Very solid and immensely productive.

Packet 5c, ¼ ounce 10c, ounce 30c, ¼ pound 90c

Dwarf Champion.—Stems short, thick, stiff, almost self-supporting. Leaves very dark, much curled and twisted. Fruit borne in showy clusters. quite large, solid and of good color. Requires but little space. The dwarf, upright habit of the vine makes it very desirable for forcing, as it can be planted closer to the glass, and more closely on the bench.

Packet 5c, ounce 25c, ½ pound 75c

Dwarf Aristocrat.—Erect, strong vine; large red fruit of fine quality. Pkt. 5c, oz. 20c, ½ lb. 60c

New Dwarf Stone.—In habit of vine it resembles Dwarf Champion. It is equally as early, and fully

New Dwarf Stone.—In habit of vine it resembles Dwarf Champion. It is equally as early, and fully as prolific, while it attains a much larger size. In fact, in size, shape and color it closely resembles the tall Stone, and is the largest dwarf tomato in existence. It is very solid, ripans evenly, and is of most excellent quality.

Packet 5c, 1/4 ounce 10c, ounce 35c, 1/4 pound 90c



P EPPERMINT

LAVENDER

FENNEL

SAGE

SUMMER SAVORY

Seeds of Aromatic, Medicinal and Pot Herbs

Most of the varieties thrive best on sandy soil. The soil should be carefully prepared and well cultivated, as the young plants are for the most part delicate and easily choked out by weeds. The stalks should be cut when in bloom, wilted in the sun, and thoroughly dried in the shade.

in the shade.	Pkt.	Oz.	4 Oz.
Anise. For garnishing, seasoning and for cordials; aromatic odor and taste	05	10	25
Asperula Odorata. (Waldmeister.) For flavoring May wine; keep moist and shaded	10		
Basil, Sweet. For flavoring soups and sauces; fine and broad leaved	05	20	40
Borage. Used as a salad; the flowers are excellent for bees	05	10	30
Caraway, Cultivated for its seeds, which are used for flavoring liquors, bread, etc		05	15
Catnip. Has medicinal qualities; also grown for bee pasture	05	30	
Chamomile. Used for tea	05		
Chervil. More beautiful than parsley, and used for garnishing and flavoring dishes	05	15	30
Coriander. Seeds have an agreeably aromatic taste, and are used in confectionery	05	10	25
Dandelion. Thick Leaved. Is fast becoming a favorite spring green; very profitable	10	50	
Dill. Aromatic odor and warm, pungent taste; added to pickled cucumbers to flavor	05	08	15
Fennel. Sweet. Seeds are used for flavoring, the leaves for garnishing	05	10	25
Lavender. Grown for its flowers which are used in the manufacture of perfumes	05	20	50
Marjoram, Sweet. The tops are used green for flavoring, or dried for winter use	05	15	45
Peppermint. For flavoring and for the distillation of the essence of peppermint	10		
Pimpinella. The young tender leaves are used as salad; flavor like cucumbers	05	20	
Poppy. White or blue seeded; used for baking, fresh seed		05	15
Rosemary. Fragrant; yields an aromatic oil and water; leaves used for seasoning	05	30	
Saffron. For medicine and for coloring; also to make cosmetic powder called rouge	05	10	30
Sage. Used very extensively for flavoring and dressing; also in medicine	05	15	40
Savory, Summer. (Bohnenkraut.) Extensively used for flavoring, especially beans.	05	10	25
Sorrel. Esteemed as salad, cooked as greens, etc. Leaves of mild, acid flavor	05	15	40
Tarragon. The leaves, either dried or fresh, are highly esteemed for seasoning	10		
Thyme. A medicinal and culinary herb; used for seasoning and dressing	05	25	
Wormwood. Used as a tonic and dressing for bruises; benificial for poultry; bitter.	05	20	

Vegetable Plants and Roots

We handle large quantities of Vegetable Plants and Roots, and can supply all the varieties below.

Asgaragus Roots Strong two-year-old roots of Columbian Mammoth White and Conover's Colossal. Dozen 15c, 100 \$1.00

If by mail add 4c per dozen, 30c per 100

Cabbage Early and late white; red; savoy.

Cauliflower

Celery and Celeriac

Chives (Schnittlauch) 5c clump, 50c dozen. Egg Plants Grown in pots, each 7c, doz. 70c Garlic Sets White Bavarian. Pound 25c, by mail 35c

Horseradish Sets 15c per dozen, 75c per 100
Kale, Kohlrabi, Leek, Parsley, Pepper
Rhubarb Roots Viteoria. Strong clumps, each
10c, 15c, 20c, by express or freight.

Tomato Plants Sparks' Earliana, New Stone, Dwarf Champion, and others.

n in pots, each 7c, doz. 70c | Sage, Summer Savory, Marjoram, Thyme Write for prices on varieties where prices do not appear above.

A MANUAL ON THE

Vegetable Gardening GROWING OF VEGETABLES

FOR HOME USE AND MARKETING

BY SAMUEL B. GREEN

Paper Covers 50c

Cloth Bound

\$1.00

Selected Farm Seeds.

We give special attention to the quality of our Farm Seeds, and send out nothing but most carefully selected and recleaned stock. It is our purpose to supply the very best only. Prices on Farm Seeds subject to market changes. Purchaser pays freight in all cases.

CHOICE SEED FIELD CORN.

THE SEED CORN we offer is grown specially for that purpose, carefully selected, cured and shelled. It will pay any enterprising farmer to secure seed of the promising new varieties. Such men invariably obtain highest market prices for all they can produce.

White Cap Yellow Dent.—This now famous corn possesses the earliness of Pride of the North. Grows about 6 to 7 feet in height, with abundant foliage and fine large ear. The tip ends of the grains are white, the inside yellow, making it of a beautiful color both on cob and when shelled. It is enormously productive, husks and shells well.

Per quart 10c, peck 50c, bushel 1.50

Pride of the North.—One of the most valuable and reliable varieties of dent corn that we know of.

Per quart 10c, peck 50c, bushel 1.50

Wisconsin Yellow Dent—This is the best Dent of its color for the south half of Wisconsin and similar

Wisconsin Yellow Dent—This is the best Dent of its color for the south half of Wisconsin and similar corn belt. Has as deep a grain and as large a percentage of grain to cob as is possible for such an early sort; red cob; color bright yellow. Length of ears 7½ inches. Per qt, 10c, peck 50c, bu. 1.50 Sanford's Early White Flint—The ears are of unusual length and of handsome shape, flinty white color. Plant is of sturdy, vigorous growth. The stalks usually bear 2 or 3 long ears.

Per quart 10c, peck 50c, bushel 1.50

Longfellow Yellow Summer Flint.—Farmers' Favorite; a very early, productive and desirable variety.

Per quart 10c, peck 50c, bushel 1.50



Red Cob Ensilage.—A most desirable variety, adapted to all sections of the country. It is sweet, tender and juicy; has short joints, abundance of leaves and grows to a good height. Per quart 10c, peck 35c, bushel 1.00

Dwarf Essex Rape

The main secret in the successful raising of sheep for mutton, for which the English are so famous, lies undoubtedly in the very general use of Fodder Rape for feeding them. Dwarf Essex is easily grown and perfectly hardy, and possesses remarkable fattening properties. Pigs and cattle are also very fond of it. The plant is a rank grower and should have heavy manuring, as well as high cultivation. Any corn soil will grow Rape. Sow the seed during the third or fourth week in June; it can then resist drouth, and the crop can be ready to feed at a season when it is most needed. By sowing different pieces several weeks apart a continuous supply of good feed can be had.

Per pound 15c, 10 pounds \$1.00

Kaffir Corn. One of the best of forage plants. It is the greatest grain producer of the Cane family, and is greedily eaten by all domestic animals. For grain sow at the rate of 5 to 7 pounds per acre and cultivate same as corn. For hay sow at the rate of 50 pounds per acre; makes a very valuable hay of good quality.

1 pound 5c, 10 pounds 45c, 25 pounds \$1.00, 50 pounds \$1.75, 100 pounds \$3.00

SORGHUM or SUGAR CANE. Early Amber.—The best green food that can be grown for feeding cows, horses and young stock during the dry spells of August and September. Sow broadcast 60 pounds to the acre, or 15 pounds in rows. 10 pounds 40c, 25 pounds 75c, 100 pounds \$2.50

MAMMOTH RUSSIAN SUNFLOWER.—The best variety for the farmer, growing to double the size of the common and the yield is twice as great. It is highly recommended for poultry 1 pound 8c, 5 pounds 35c, 25 pounds \$1.50, 100 pounds \$5.00

ROOT CROPS FOR FARM STOCK

It is not what an animal eats but what it digests and assimilates, that is of benefit to the owner. When fed on a ration containing something green or fresh appetite is stimulated; the digestion is more perfect, and the general health and restful content greater. In addition, roots contain high quantities of nutritious sugar, and are a necessity in the rations of growing and fattening animals.

MANGELS, SUGAR BEETS, CARROTS, RUTABAGAS, TURNIPS.



VETCHES. Spring Tares. (Vicia Sativa.)

Sown broadcast at a rate of 1 to 11/4 bushels to the acre like wheat or barley, and sometimes mixed with oats for soiling. Per 1b. 10c.

Sand or Winter Vetch.—(Vicia Villosa.) This variety thrives on poor, arid soils. It is sown in fall or in spring, and generally mixed with rye, which serves as a support to the plants. It grows to a height of from 3 to 4 feet, and can be cut twice for fodder, first as soon as the bloom ap-

pears, and then it can be again cut for the seed. The plant is perfectly hardy and the produce is recommended as most nutritious. black and perfectly round, and should be sown at rate of 100 lbs. to the Per pound 15c, 10 pounds \$1.00

UPINS. Yellow.—Remain green for a long period. Succeed well on the poorest soil, and is valuable for plowing in.

Blue.—Used for the same purpose as the yellow variety. Pound 10c

PEAS. Field.—Valuable for northern climates, for cattle feeding, being especially valuable for milch cows. It also makes ensilage of fine quality. Sown broadcast in spring and harrowed in.

Qt. 10c

SEED GRAIN.

Prices on Seed Grain subject to market changes. Grown Expressly for Seed. Carefully Recleaned and Selected.

Barley. Manshury.—The very best six-rowed barley grown. Heads long, heavy, drooping and well filled, containing 75 to 90 grains each. Straw bright, very strong; does not lodge on the richest land. It is early in ripening and always plump, yields from 50 to 70 bus. per acre. Considered superior for malting. Long heads; distinguished from common sorts by a slightly reddish tint to the beard. Bus. \$1.00

White Hulless.—A great barley for stock feeding. Plump, heavy wheat kernels. Early, prolific; well filled heads. Per bus. \$1.75, peck 50c kernels. Early, prolific; well filled heads.

Japanese.—This variety is rapidly displacing all other Buckwheat. Sorts of Buckwheat. It ripens early and has much larger grains than all others. In shape the kernels are peculiar and distinct. Color a dark brown. It manufacturers a superior flour. Peck 40c, bu. \$.125

Choice Seed Oats. Lincoln.—The following are a few of its points of excellence: It is very early, and has thus far proved itself rust proof. It has given wonderful results as a yielder. Straw is stiff and strong. Grain is handsome and is valuable for feeding as well as grinding for oatmeal on account of its thin hull, heavy meat and soft nib. Per peck 25c, bushel 75c

New Zealand.—It is a white side oat, of medium size, with heavy heads of about 100 grains each. Almost entirely free from rust. Has tested 40 lbs. to the measured bushel without recleaning. Per peck 25c, bushel 75c

Irish Victor Oats.—Has proved superior to all other sorts grown in same section, in vigor of growth, stiffness of straw and productiveness. The straw is very stiff, holding the heavy head up well. It is fully as early as the Lincoln. The grains are large, plump and heavy. Plant grows to medium height, stools out exceptionally well, is free from rust and yields an immense crop. Per peck 30c, bushel \$1.00

High Grade Seed Wheat. Saskatchewan Fife (Spring).--Has all the general characteristics of Scotch Fife, from which it is descended by careful selections. It excells in earliness, hardiness, productiveness and freedom from smut and all diseases. Peck 50c, bu. \$1.50

OATS.

Spring.—This variety has been developed simply by planting Winter Rye in NEW ZEALAND Rye. the spring and selecting the seed so procured for several years. The standard variety for spring planting.

Per peck 30c, bushel \$1.00

HIGH CLASS FARMING

Comprehends the growing of crops more extended in variety than is cultivated on the ordinary farm. Especially must this be prietors of which desire to establish show places. Among the special crops referred to are:

RAPE.—For soiling and folding sheep and swine. The sowing of the seed being made between 15th of May and 15th of June. Seed for an acre will cost 50 cents.

CARROTS AND MANGOLDS.—For horses and milch cows. The seed sown 15th May to 10th June. Seed for an acre will cost about \$1.50 to \$2.00.

SWEDES OR RUTABAGA.—For live stock of all sorts. The Bloomsdale is the best. Drilling should be made between 15th June and 15th July. The seed for an acre will cost about \$1.00.

TURNIP.—Turnips need not be sown so early as Swedes. They are of almost equal value. The seed for an acre will cost about 75c.



LAWN GRASS.



Dallwigs Emerald Green Grass Mixture.

The Lawn Grass Mixture which we offer should not be compared with the cheaper preparations advertised. Our prescription is of the best chosen varieties, as respects color, texture and permanency, and will be found clear of weed seeds. Any one who purchases cheap, badly mixed Lawn Grass will soon realize that it was a poor investment, as the error will stand out for years in glaring ugliness.

The grasses of which "Dallwig's Emerald Lawn Mixture" is composed will in the shortest time possible produce a beautiful dwarf, compact turf, which will endure the summer heat, and insure a rich, deep green sward throughout the season. We take every precaution to eliminate as far as possible all weed seeds.

Per pound 20c



A Velvet Sod. Any one can have it; corporations do not control it. It will grow in the back yard of a city house as well as in the front. It will grow in the village as well as in the meadow or on the hillside. It is the world-wide covering of the earth as beautiful as flowers, more durable, less costly, natures own blanket over the rocky soil. No trouble to prepare the soil to receive the seed, always a fair certainty of its growing, and when established a thing of beauty and a joy.

There exists no reason for unsightly, bare spots in yard or lawn, no reason except indifference to the beautiful, a want of energy, a want of system. Let none of these charges rest against you, reader, but put down grass seed wherever it is wanted, and rest assured you will be amply repaid in the satisfaction of having beautified your grounds, and of having set an example of good taste.

GRASS SEEDS.=

The following list gives names and short description of the very best varieties for general use.

PRICES SUBJECT TO MARKET CHANGES.

Timothy.—It makes the best hay for horses and market of the entire list, and being an early grass is well adapted to spring grazing. It is a perennial, and if the meadow is kept in good fertility by surface dressing it will last and bear good crops indefinitely. We handle strictly pure stocks for those who want the best only. Sow 15 to 25 pounds to the acre. (Bushel 45 pounds.)

GRASS SEEDS. Continued.

Kentucky Blue Grass. (June Grass.)—Valuable pasture grass and for lawns when mixed with other grasses. It grows well in rather a dry soil, but will grow on a variety of soils from the dryest knolls to a wet weadow. It endures the frosts of winter better than many other grasses. Flowers in June. Sow about 28 lbs. to the acre early in the spring or during October and November.

Red Top.—Thrives best on low lands, where it cuts a good crop of rather light hay of fair quality. Suitable for low pastures. Sow 2 bushels per acre; 14. lbs. to the bushel.

Orchard Grass.—This is one of the most valuable and widely known of all the pasture grasses. Its good properties are earliness, rapid growth and power to resist drought. It will endure considerable shade. If cut when in flower, or very soon after, it makes first-rate hay; ripe, it makes poor hay. Flowers about the same time as Red Clover. Sow 24 pounds to the acre.

Perennial Rye Grass.—Nutritious and valuable; in most cases not excelled by Blue Grass for pasture. It thrives on almost all cultivated soils; starts early and grows all summer. Height seldom over 18 inches. Flowers in June.

Sweet Vernal.—Useful as a mixture with other grasses on account of its early growth. It emits an agreeable odor when cut for hay. Sow 10 pounds to the acre with other grasses.

Millet.—Height 2 to 3 feet; succulent stem; leaves broad and numerous, grows rapidly, and matures early. Can be planted as late as August and mature a crop of hay the same season. Sow ¾ bushel per acre. 50 pounds to the bushel.

Hungarian Grass (Panicum Germanicum).—One of the most valuable annual soiling plants. It grows on ordinary soil; withstands drought well. As it is of very rapid growth, being ready for cutting within sixty days, it may be sown in this latitude as late as middle of July for hay, or middle of August for green fodder. It should be cut just before blooming. Sow 1 bushel to the acre. (48 lbs. to bushel.) Price variable.

CLOVERS.

Prices on Application.

Red or June.—The common clover in general cultivation; grows 2 to 3 feet high, and is the best for hay. Makes excellent pasturage when sown with grasses, and is one of the best fodders for cows and sheep. When used alone, sow about 8 pounds of seed per acre; 60 pounds to the bushel. Write for prices in quantity.

Scarlet or Crimson Clover (Trifolium Incarnatum).—This clover is being recognized throughout the west and south as a necessary and valuable addition to economical farming. May be sown at any time from April to October. Sown early, the first growth is available for pasture in the fall, and still make a good crop of hay the following spring, or may be turned under for corn or other crops, and for that purpose is said to be even more valuable than the ordinary Red Clover. Rooting very deep, it supplies nitrogen and potash largely to the soil. Will grow a heavy crop of hay or seed on poorest land. Sow 15 lbs. to acre. Horses and cattle are fond of the hay, which should be cut as soon as in full bloom. Taken altogether, the Scarlet or Crimson Clover is a great boon to the farming community, being principally used for plowing under as a green crop. Per lb. 15c.

White.—Low; one of the best of the Clovers for permanent pasturage, but prefers moist land. Mixed with Blue Grass or Perennial Rye Grass it makes a permanent pasture of great grazing value. Stems fine and palatable, bearing numerous leaves of bright green color. Sow 6 pounds per acre when used alone, or 3 pounds with grass seeds. 60 pounds to the bushel.

Alfalfa or Lucerne.—Alfalfa flourishes in all southern and western states and has succeeded admirably in many localities of the North. It is one of the most valuable among the clovers. Standing for years, shooting its roots downward till they are ten to fifteen feet below the surface, it resists the driest weather, and when every blade of grass droops for want of moisture, it holds up fresh and green as in genial spring. It does not succeed on compact clay, nor on land with impermeable subsoil. Far from exhausting land, it increases fertility, as has been fully established. Cattle pastured upon Alfalfa are apt to eat off the crowns, consequently the best practice is to cut it and stall-feed the animals. Sow 10 pounds to the acre.

Alsike or Swedish.—Hardy, resists extremes of drought and wet, yields large crops of superior pasturage, and much liked by cattle. It is well suited to sowing on lands liable to wash, as its long fibrous roots spread over a wide area, and so interlace and hold the soil as to resist the heaviest rains. Can be planted on any kind of soil. Blossom heads round, resembling White Clover in shape, flesh colored, sweet and fragrant; much liked by bees. Sow 6 pounds per acre in spring or fall; 60 pounds to the bushel.



Shopping by Letter.



The United States Mail Brings our Seeds to Every Man's Door,

Therefore there is no Trouble Obtaining Seeds by Mall.

Descriptive List Flower Seeds.

The pleasure resulting from a large and varied collection of flowers will amply repay for time and labor spent.

Culture. Most flower seeds germinate well in a rather light sandy loam. A general rule for the seed-bed is to have the soil rich, level and worked very finely. Sow the seed evenly in the rows, cover with the finest of soil, about three times the diameter of the seed, and press the soil firmly over the seed. The soil should never become dry after the seeds have been swelled. After the seeds are up, care must be taken to give them plenty of air and moisture. As soon as the second feaves are well out they should be transplanted into pots or new boxes. When finally transplanted to the bed or border they should be watered frequently until well established.

Note that Note that Note that the leading flowers grown from seed, including many New and Special Flowers of unusual beauty. These seeds are all of the finest strains of the best varieties and are sure to give entire satisfaction. They are procured without respect as to cost, from the best growers of the particular kinds in America and Europe, and the whole makes a collection unexcelled in quality and vastly superior to the stock usually sold.

LARGE-SIZED PACKETS. Our packets are very large, and contain in most cases more seed than is needed in a home garden and about four times the quantity usually contained in the papers offered by department and some other stores. We have always found the liberal treatment of our customers to be the best paying feature of our business.

- ALL FLOWER SEEDS SENT POSTPAID ON RECEIPT OF PRICE. -

ABUTILON-Handsome little bushes covered with bell-shaped flowers in the daintiest and also strongest colors, dotted and handsomely veined. Are of easy culture; bloom readily from seed the first summer. (Hybrida Grandiflora.) Mixed colors. Per packet 15c



ADONIS.

ADONIS-Aestivalis

(Flos Adonis). -Flowers bright crimson, peering from finely cut dark foliage. Per packet 5c

AGERATUM.-Very effec-

tive plants for bedding, remaining in bloom throughout the whole summer; valuable cut-flower.

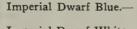
Blue Perfection .- The darkest colored of all the large flowering Ageratums. Dwarf, ABUTILONS compact growth. Its color is

blue.



out appearance of the old-style Ageratum.

Per packet 5c



Imperial Dwarf White.-

Excellent plant for ribbon borders, 6 inches. Per packet 5c

Per packet 10c

"Little Dorrit."-Splendid blue, excellent for bedding Per packet 5c

a deep amethyst blue, and has nothing of the faded-

Swanley Blue.—Large flowering.

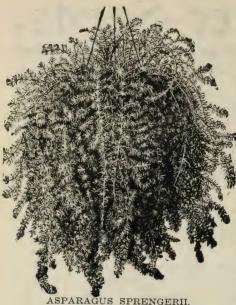
Per packet 5c

ARCTOTIS GRANDIS.—Bushes 2-21 feet

high and wide. Flowers large and showy, borne on long stems; ray florets pure white on upper surface with narrow yellow zone at base; reverse pale lilac-blue; disc light



ARCTOTIS GRANDIS.



Alyssum (Sweet.)—A general favorite, with delicate white flowers of exquisite fragance, very free blooming, suitable for beds, borders and rock-work; very useful cut flowers for the winter.

Benthami.-White, very sweet. Ounce 20c, packet 5c

Benthami Compactum.—Of dwarf, robust growth; six inches Ounce 30c, packet 5c

Little Gem—This should really be called the "Snow White Carpet Plant," for the plants which are only a few inches high grow so dense, and are so completely covered with Snow white blossoms as to create the impression of a beautiful carpet spread over the ground. We know of no other white flower which is so particularly well adapted to borders, ribbon bedding, etc., as our "Little Gem" Alyssum.

Per ounce 30c, packet 5c

Aquilegia (Columbines.)—Very handsome, ornagrowing two to three feet high; of easy cultivation, and bearing in profusion large flowers of novel shape and in great variety of color. The stems rise about two feet high, and carry numerous blossoms.

Coerulea.—Sky Blue, per packet 5c. Single Mixed, per packet 5c. Double Mixed, per packet 5c

Antirrhinum.-See Snapdragon.

ASPARAGUS SPRENGERII.—Most handsome seen drooping gracefully and naturally from pot or hanging basket. The growths thrown up in a free and plumose manner, 4 to 8 feet in length, of a fresh, ligth or apple green hne, are admirably adapted for all delicate decorations indoors. It is hardier than any other asparagus. It remains fresh for weeks after cutting.

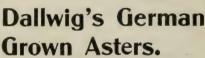
Per packet 10c

ASPARAGUS PLUMOSUS.—(Asparagus Fern.)
One of the prettiest

house plants. The leaves are bright green, gracefully arched, surpassing Maidenhair Ferns in grace, delicacy of texture and richness of color. It is admirably adapted to house culture.

Per packet 10c





It is an undeniable fact that for purity, Aster seed grown in Germany is far superior to any grown elsewhere. The climate is better suited to the full development of the flowers and the German growers have the experience of a century behind them. Ours is procured from careful and experienced growers.

Perfection. Improved Pacony Flowered.
A favorite class; thrifty up-

ASPARAGUS PLUMOSUS. right growers; flowers large and almost perfectly round, with incurved petals; height eighteen inches to two feet.

Pure White, Light Blue, Light Blue with White, Bright Scarlet with White, Pink with White, Bright Scarlet, Deep Pink with White, Glowing Dark Crimson, Dark Blue, Delicate Pink, Carmine Rose, Mixed.

Per packet 5c

Victoria.—Probably the handsomest variety, taken all in all, for size, color and profusion of bloom.

The colors include many extremely delicate, some gorgeous shades; flowers very double,
134 feet. Fiery Scarlet, Delicate Pink, Light Pink-White Tipped, Crimson, Dark Blue, Pure
White, Pink and White, Light Blue, Carmine Rose, Mixed.

Per packet 5c

Giant Comet Aster.—This distinct class of Asters resembles very much the Japan Chrysan-themum in size and shape of flowers. The petals are long and beautifully curled. They have a wide range of handsome colors and are extremely floriferous.

Snow White.—Grand pure white flowers of immense size.

"The Bride."—The flowers at first pure white, change to a lovely pink and finally to a beautiful rose tint; a most charming variety for cut flowers.



is a type of the well-known Peony Flowered, evolved by careful selection. It is a tall, luxuriant grower, and admirable for cutting. White, Pink, Lavender, Mixed. Packet 5c

Branching Asters.

—This Aster is a strong HOHENZOLLERNgrower and its tendency to

form numerous branches is very marked, therefore it should have more room than other asters. A rather late bloomer, thus giving its crop of flowers at a season when there is always a scarcity of bloom. The flowers are borne on very long stems, and are four inches and more in diameter. The petals are broad, long, and many of them more or less twisted or curled.

White, Lavender, Purple, Deep Pink, Daybreak Pink, Crimson, Mixed.

Packet 5c

AURICULA.—(PRIMULA.) A dwarf growing plant, bearing umbels of fragrant flowers of many rich and beautiful colors.

Packet 10c

BRANCHING ASTERS.

GIANT COMET ASTER—Continued.

Light Blue Light Blue with White Dark Blue
Pink Pink with White Carmine Yellow

Any of above colors, Packet 5c Giant Comet Mixed.—Includes all the above colors. Packet 5c

Hohenzollern or Ostrich Feather.

—The Hohenzollern Asters are a new type with long, wavy, twisted, feathery petals, like the wavy, beautiful feathers of the ostrich. They are a valuable addition to the decorative class of Asters. Flowers measure 4 inches across, borne on stems 20 inches long.

Pure White. Pink. Crimson. Lilac. Dark Blue. Terra Cotta. Mixed.

Packet 10c

Queen of the Market.—Very early, extremely floriferous, medium sized variety, with long stems. Excellent for cutting.

White. Pink. Crimson. Light Blue.

Dark Blue. Scarlet. Deep Scarlet.

Mixed. Packet 5c

SHAKESPEARE.—Very dwarf, continuous bloomer. Mixed. Packet 5c

GIANT EMPEROR.—Produce extremely large, perfectly double flowers.

Mixed. Packet 5c

DAYBREAK.—Delicate soft pink color, graceful habit. Large, full flowers on long stems. Excellent for cutting.

Packet 5c





Balsams or Ladies' Slippers are old

favorites with every one, owing to their handsome double flowers, brilliant colors and stately growth.

Double Camellia Flowered Balsams.-Lilac, light blue, carmine, scarlet, pink, purple. Mixed Colors.

Per packet 5c

Rose Flowered. - White, pink, yellow, red, apple blossom. Mixed Colors. Per packet 5c

Dwarf Balsams .- All colors mixed, Per packet 5c

BEGONIA.—As bedding plants there is nothing to equal the Tuberous Root-They bloom equal to the geranium, but with a form and variety of colors and shading equal to the rose. They are easy to grow from seed, and if sown in February or March bloom the same year. For winter plants sow in August.

Single Tuberous Rooted Begonias.—Per packet 20c.

Begonia Rex.-Grown for their large, beautiful, ornamental leaves. Unexcelled as window plants. Pkt. 25c

New Giant - Flowered Browallia. - Beautieither bedding or pot culture. This large flowered Browallia is one of the best plants for bedding in summer, and equally valuable for house culture in pots in winter, and equation that the formula dense little bushes, which are covered with an abundance of the most delightful sky-blue flowers. For beds, borof the most delighbed spaces of the most delighbed spaces or pots there is hardly another plant with blue flowers that compares with it.

Per packet 15c

Cacalia.—(Tassel Flowers). Tassel-shaped scarlet and orange flowers. Per packet 5c

CALCEOLARIA. -Very handsome and showy plants for the green house or house culture. The plants grow about eighteen inches high and during spring and summer are covered with a great many curious pocketlike flowers. Our seed is saved from the best European collection and will produce flowers of large size and in an endless variety of colors.

flowers that compares with it.

BEGONIA REX Per packet 25c

Calliopsis or Coreopsis.—Very showy plant, producing flowers in every shade of yellow, orange, crimson and brown, will bloom until frost. Mixed colors.

Per packet 5c

Stately ornamental plants, very desirable for bedding outdoors, where they pro-CANNA. Stately ornamental plants, very desiration to be and brilliant colors. The seeds are duce clusters of large flowers of the most intense and brilliant colors. The seeds are extremely hard and it is advisable to file throug the outside covering; soak in warm water several hours before planting. Comes readily from seed; that sown early will give blooming plants the first season.

Queen Charlotte.-Rich crimson scarlet with wide gold border; a profuse bloomer. Per packet 5c



See illustration under "Bulbs."

Mad. Crozy. -- Vermillion flowers bordered

with gold. One of the most popular Can-Per packet 5c Great bloomer.

Mixed.—Contains all the finest, dwarf Crozy Per packet 5c CALLIOPSIS varieties.

CAMPANULA.—(Conterbury Bell). A highly attractive class of plants, combining richness of color with stately growth; valuable for beds and borders.

Campanula Medium .- Blue, very pretty.

Campanula Medium.-Mixed.

Per packet 5c

Campanula. Cup and Saucer.—A beautiful variety; a most desirable and attractive addition to this class of old garden favorites. The bell or trumpet is nearly four inches in diameter, presenting the form of a cup, hence its name. Per packet 5c

ANDYTUFT. (Iberis.)—Very useful for beds, ribbons, etc., also for pots and for cut flowers for bouquets. A bed

of Candytuft in colors makes a splendid display. -An exceddingly free flowering dwarf, Queen of Italy. An exceeding the with almost ever-

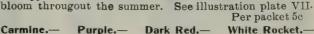


green foliage and delicate pink flowers; may be grown as annual or biennial; highly valuable for cutting purposes. Pkt. 5c

Per packet 5c

Empress.—A beautiful variety bearing candelabra-shaped branches, each producing a

large truss of pure white flowers, presenting a per-fect pyramid of



CANTERBURY BELL

Carmine.— Purple.-Dark Red .-Mixed Colors .-Per packet 5c

FLOSIA. Cockscomb. -- A highly ornamental annual, valuable for bedding and house culture.

Empress.—Crimson

Queen of Dwarfs.-Carmine.

Fireking.—Bright red.

Pres. Thiers. - Much used in public parks for bedding. Dwarf, with dark leaves and broad, stiff combs.

Packet 10c

Aurea.-Yellow.

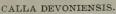
Above dwarf varieties mixed.

Per packet 5c

most magnificent shades of colors, ranging from the clearest yellow to the darkest blood-red. Of great value for all decorative purposes in and out of doors.

A LAWN

may be established either by "sodding" or "seeding." The latter is not only much less expensive, but much more satisfactory, as better grasses can be thus obtained, and the quality and variety of the grasses have a great deal to do with the appearance and permanency of the lawn.



Calla Devoniensis. Blooms the first year from seed

CELOSIA THOMPSONI MAGNIFICA. The seedlings come true and will bloom profusely the first year. Its willingness to bloom is phenomenal, while its culture is of the simplest. Pure white, large Packet 10c blooms, borne on stout stalks.







EMPRESS CANDYTUFT

CENTAUREA IMPERIALIS

CARNATIONS. The seed we offer is saved from the finest collection in Europe.

Extra Fine Double.—Mixed.

Per packet 5c

Grenadin Double. Of dwarf, compact growth, flowers scarlet. Blooms some three weeks earlier than any other variety. Per packet 10c



CARNATION.

Early Vienna Double Dwarf.—Very fine ground culture, blooming early in the season; all colors. Of easiest growth. It should be in every garden.

Per packet 50

Marguerite - These superb new Carnations have created a great sensation, not only by reason of their fine double fragrant flowers, but also because they can be TREATED AS ANNUALS. Like the Chinese Pinks THEY FLOWER FREELY THE FIRST SEASON from seed sown in the open ground. They yield a profusion of fragrant, fringed flowers in great variety of colors. Packet 5c

Marguerite Dwarf.—Extra fine mixture.
Per packet 10c

CENTAUREA MARGARET. A very handwhich grows about eighteen inches high and produces large, pure white flowers of the sweetest fragrance. Being produced on long stiff stems, the flowers are most admirably adapted for bouquets, vases, etc.

Centaurea Imperialis. —Royal Sweet Sultans. New.
Beautiful sweet-scented, artistic shaped flowers, borne on long, strong stems, and when cut will stand for 10 days in good condition. Of the easiest possible culture, flowering continuously from early summer till autumn. Alba.—Pure white. Armida.—Lilac. Favorita.—Brilliant rose.



CHRYSANTHEMUM CARINATUM.

Graziosa. — Dark lilac. Splendens. - Dark purple. Suaveolens.—Yellow. Mixed, all the above sorts.

Per packet 5c above sorts.
(See illustration plate VII.)

Centaurea or Dusty Miller.—

Candidissima.—Leaves silvery white.

Per packet 6c

Gymnocarpa.—Silvery gray foliage. Per packet 5c

Centaurea Cyanus. Known as "Bachelor Button," "Blue Bottle," "Corn Flower," "Bluet," "Ragged Sailor," etc.; fine for cut flowers. Two to three feet. Blue or Mixed.

Per packet 5c

New Double. -It has been so perfected that fully eighty per cent of the flowers are double and semi - double; they are also increased in size and present many bright colors and distinct markings which have been hitherto unknown. Per packet 5c

CHRYSANTHEMUM



CENTAUREA CYANNUS.

The demand for these showy and useful flowers is increasing very

rapidly. They bloom freely during the Summer and until late in the Fall, making a splendid display in flower beds; very useful for pot culture. Succeed best in rich loam, well dressed with rotted manure.

CARINATUM "CHAMAELEON." - A very large • flowering variety of this popular summer flower. It has received the name "Chamaeleon" because the colors of the flowers on one and the same plant are constantly changing from the first stage of its bloom until it is at its climax. Per packet 5c

Hybridum Fimbriatum, Fl. Pl. - The flowers of this beautiful Chrysanthemum with its finely fringed petals over-lapping each other, are double and appear in all colors, the red and dark shades being most prominent. Per packet 5c



CHRYSANTHEMUM MAXIMUM.

Carinatum.-Pure golden yellow, very distinctly marked with clear cut rings or bands Pkt. 5c of purple scarlet.

Inodorum Plenissimum .-Furnishes an abundance of double snow-white flowers throughout the whole summer and fall; 21/2 feet.

Per packet 5c

PERENNIAL.

"Perfection" or Large 0x-Eye Daisy .- A free blooming hardy perennial, two feet high, is literally smothered with pure white flowers. It is decidedly one of the best white cut flowers in cultivation.

Per packet 5c



CINERARIA.

Finest Hybrids .- In splendid mixture.

Chrysanthemum.

Frutescens.—Known also as "Marguerite" or Paris Daisy. Very popular with florists. d flowers. Two to

Large, white, star-shaped flowers. Two to three feet. Per packet 5c

Japanese Chrysanthemums.—If seed is sown in February or March the plants will bloom profusely next fall. Magnificent, enormous flowers in finest varieties.

Per packet 10c

CINERARIA. A very pretty genus from one to three feet high. The flowers are of wondrous beauty, being brilliantly colored.

Hybrida Grandiflora.—(Large flowered).

Per packet 25c

Bedding Cinerarias.—These are perensilvery foliage.

Maritima Candidissima. — White foliage; compact habit. Per packet 5c

COLEUS.—Highly ornamental foliage plants in an endless variety of colors and shadings, indispensable for ribbon and carpet bedding, or as single specimens. Height, one to two feet.

Per packt 15c

Convolvulus. Mauritanicus.—A beautiful trailing variety for vases, baskets, etc. Flowers blue with white and yellow throat.

Per packet 5e

Tricolor.—Beautiful rose-colored flowers wite pure white center, fringed with purple and shading toward golden yellow.

Per packet 5c

COSMOS. Glant California.—For cutting for bouquets and vases this is one of the finest flowers grown, lasting in water for a week; the long stems and feathery foliage lend themselves to graceful arrangements. The plants, five to six feet high, of symmetrical pyramidal form, are one mass of feathery, emerald green foliage, studded with mammoth flowers of white, pink or crimson, enlivening the garden long after more tender flowers have succumbed to early frost. (See special half-tone plate VIII).

Giant Pink. Glant White.—The Pearl, Giant Crimson. Giant Mixed.

Per packet 5c

Early Flowering Cosmos.—Comes into bloom in July and continues to flower until cut down by severe frost. Mixed.

Per packet 5c

Early Flowering "Dawn." Flowers pure white with a delicate touch of pink at the base of petals.

Per packet 5c

CYCLAMEN. Charming bulbous-rooted plants, with beautiful foliage and rich-colored orchid-like fragrant flowers; they require sandy loam.

Persicum Giganteum. — A great improvement over the old sorts; each flower measures from two to two and one half inches in length.

Mont Blanc.—Pure white. Dark Blood Red. White with Carmine Eye. Rosa von Marienthal. —Daybreak pink. Magnificum.—White spotted and flaked red. Giant Flowered Cyclamen in finest mixture.

Per packet 5c

Daisy. (Perennial).—An old favorite which scarcely needs description. In bloom from April to June.

White, Deep Rose.

Per packet 10c

Shasta Daisy.—A magnificent hardy perennial of the easiest culture. The seeds should be sown early. Bears immense flowers of purest white, on long wiry stems. Splendid cut flowers of good lasting qualities. (See illustration plate VII).

Per packet 10c



CYCLAMEN.





Cyperus, or Umbrella Plant.—Grows finely in water with rich soil or mud, throwing up long stalks with narrow green leaves. Easily raised from seed.

Per packet 5c

Delphinium.-(See Larkspur).

Digitalis or Foxglove.—The tall flower stems of the Foxgloves are particularly handsome when seen growing among shrubbery, or in bold masses along walks or drives. Used as a background for lower plants they are also very fine. The long spikes are thickly strung with scores of showy, thimble-shaped flowers. Mixed.

Per packet 5c

DRACAENA OR CLUB PALM.—Dracaenas are largely used for massing with other plants on the lawn, or as single specimens. They are of the easiest culture, fast growers and require no special care.

D. Indivisa.—Has narrow, long and pendulous leaves. Is particularly fine for hall or porch decoration. Per packet 5c

DIANTHUS. Chinese Pinks.—

—One of the most useful and desirable plants and for beauty and variety of colors and markings cannot be surpassed.

CYPERUS. Double white, double spotted, double striped, white with red, red with white, double dark blood-red, double dwarf pink, double dwarf dark blood-red. Separate colors or mixed.

CYPERUS. Double white, double striped, white with red, red with white, double dwarf dark blood-red. Separate colors or mixed.

HEDDIWIGGI ANNUAL PINKS. Eastern Queen.-Beautiful marbled; single.

Crimson Belle.—Is of rich, vivid crimson color, single.

Double Striped.-White striped with carmine.

Double Dwarf Pink.—

Double Dwarf White .-

Laciniatus fl. pl. — Double giant-flowering, beautifully colored Pinks; fringed flowers.

Separate colors and mixed. Per packet 5c

Hardy Perennial Pinks. Plumarius Fl. Pleno.—Double, large-flowering Pheasant's Eye Pink, with fringed edges, of various colors, mixed. Per packet 5c

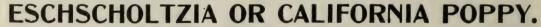
EVERLASTING FLOWERS.

AMMOBIUM.—A favorite everlasting with white flowers; cut before fully open. Per packet 5c

Globe Amaranth. Gomphrena Globosa. — Large cloverlike heads of flowers. Per packet 5c.

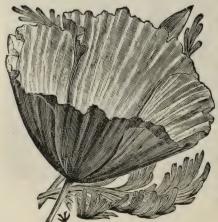
Helichrisum.—Showy summer blooming plants, flowers large and double; in shades of white, yellow, crimson, etc.

Per packet 5c



New California Poppy.—"Rosy Morn."—A distinct new shade, producing flowers of a form hitherto unknown in the Eschscholtzia species. The rosy white petals are delicately channelled or fluted with tiny folds radiating from the center and richly adorned with a soft primrose yellow hue, enhancing the beauty of this charming flower.

Per packet 5c



ROSY MORN.

Bush Eschscholtzia er Hunneman nia. - The plants grow into a shrubby bush, 2 feet high, and produce large cup-shaped flowers 3 inches across on stems 12 inches long. The color is of clear, bright yellow, the petals are broad and crinkled, like crushed satin. The flowers keep in water for two weeks.

Per packet 5c



DRACAENA.

HUNNEMANNIA.

Eschscholtzia or California Poppy.—Richly colored flowers, leaves finely cut; ten or twelve inches high, very showy. Bright Yellow, Double White, Pink, Striped, Deep Orange, Car-Per packet 5c

FEVERFEW (Pyrethrum.)-This family contains the well-known "Golden Feather," a low growing plant with yellow foliage for ribbons, beds and edgings.

Yellow Curled Follage.-Matricarla-Double White Flowers .-)

Per packet 5c

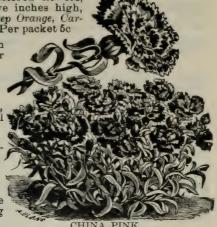
Forget-Me-Not. Myosotis. — Succeed best in a dampy shaded situation, but will thrive well in any garden soil. Height six inches.

Palustris Semperflorens .- (Ever-flowering.) Blooms continually from spring to fall. Per packet 5c

Dissitiflora.-Large sky-blue flowers; very early.

Per packet 5c

Victoria.—Grows perfectly round in shape; covered with large umbel-shaped flowers of azure blue, remaining in bloom a long Per packet 5c.



Four O'clock. Large growing, shrublike plants with funnel-shaped flowers of manny colors.

They derive their name from their curious habit of expanding in the afterlight two feet. Many Varieties Mixed.

Per packet 5c



GAILLARDIA. Exceedingly showy, produced large flowers of scarlet, white Exceedingly showy; produces and yellow, borne freely throughout the summer

Amblyodon.—Carmine with dark center. Lanceolata.--Yellow and brown. Lorenziana.—Double varieties mixed. Picta.-Red, with narrow yellow border. -Quilled. Josephus. - Beautiful, large flower with broad yellow border. Marginata.—Red, with narrow white border. Mixed. Per packet 5c

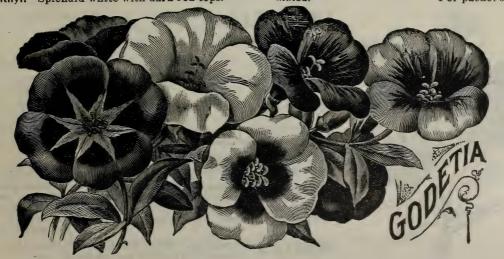
GODETIA

Desirable garden flowers; very free · blooming; succeed in any soil.

Bijou.-Splendid white with dark red spots. Brilliant.-Bright scarlet. Dark Bloodred. Duchess of Albany.-Glossy satiny white. Lady Albemarle.-Large carmine crimson; edges of petals suffused with pale lilac.

Lady Satin Rose.—Brilliant rosy-pink, the surface shining like satin. Princess Henry.-Pink with large carmine spots. Princess of Wales.—Bright red. Rosea Alba.-Dwarf white and pink. Rubicunda Splendens. — Bright

GAILLARDIA LORENZIANA. The Bride. - White, crimson center. Weisse Perle. - Pure white. pink, center spotted dark red. Whitnyi.-Splendid white with dark red tops. Mixed.— Per packet 5c



GLOXINIA. A magnificent class of house-blooming, bulbous plants, with handsome bell-shaped flowers in a diversity of the richest colors. Our mixture contains the finest strains and will produce the most beautiful flowers. Per packet 25c

Nanus fl. pl. Dwarf Double Yellow.-A dwarf variety, flowers HELIANTHUS (Sunflower.) very double, rich and golden yellow. Excellent cut flowers.

Per packet 5c

Stella.—Well branched and bushy and attains a height of about three feet. Covered with finely formed flowers, about three inches across, of golden yellow, with black disc, and borne on long stems, which rise well above foliage. Per packet 5c

Helianthus Cucumerifolius "Orion."-A sport of "Stella." It has all the good qualities of "Stella," but the petals of the flower are twisted, so that it reminds one of the flower of a yellow colored single Cactus-Dahlia. Per packet 5c

HIBISCUS AFRICANUS.—A branching plant of the easiest culture, with rather pretty foliage and large exceedingly showy cream colored blossoms, purple in the center; two feet high. Per packet 5c

(Althea Rosea.)—An old fashioned favorite, which should be sown in June or July to have flowering plants the next summer, or if sown in the house early in spring they will bloom the first year. Height, four to six feet. Good Mixed. Per packet 5c

Chater's Prize. Seed saved from the finest English strain; will produce extremely large and double flowers. Pure white, yellow crimson, scarlet, pink, cherry, and white. Per packet 15c

Charter's Best Mixed .-

Per packet 10c

HELIOTROPE.—Deliciously fragrant flowering plants, great favorites for pot culture in winter or bedding out in summer; large umbels of purple, lilac white flowers are continually borne. Finest mixed. Per packet 5c

ICE PLANT.—Suitable for rock work, hanging baskets, etc., foliage thick and fleshy and of a frosted wax-like appearance.

Crystallinum.-Pink flowers. Tricolor.-Three-colored.

Per packet 5c Per packet 5c.

RKSPUR. Very showy plants with pretty flower spikes; free bloomers; should be sown in fall or early in spring.

Double Dwarf Hyacinth Flowered .- Finest Mixed; 11 feet. Pkt 5c

Perennial Larkspur.—These are valuable plants for the permanent bed or border, furnishing an ample supply of flowers.

New Chinese Larkspur. - A perennial plant of great beauty. The plants produce a great number of handsome blue flowers on wiry stems. Being a hardy perennial, the plants increase in size with Per packet 5c

Grandifiorum Fiore Pieno.—Flowers large and double. A splendid cut-flower and ornamental plant. Many shades of color in finest mixture. Per packet 5c

Linum, Flowering Flax.—Scarlet; very attractive bedding plants. Per packet 5c





A dwarf plant with delicate, graceful foliage and pretty fine flowers. Of value chiefly for hanging baskets and border work.

Per packet 5c Erinus Gracilis.—Best for hanging baskets.

Erinus Erecta Speciosa .- (Emperor William.)-Dark blue, white Per packet 5c eye. Dwarf.

CRYSTAL PALACE. (Compacta.)-Deep blue, dark foliage, fine Per packet 5c bedder, 6 inches-

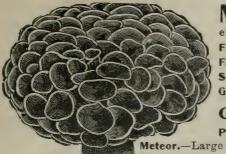
(Sun Dials.) - Disirable bedding plants JS. (Sun Dias.)
with long, graceful flower spikes, bearing

richly-colored pea-shaped flowers. Dwarf Sorts .- Choice mixture.

Per packet 5c

MIMOSA. Sensitive Plant.—A most interesting little plant, being so sensitive that a touch from the hand will instantly cause the leaves to fold up. When the hand is removed they will unfold again in a few moments. Small pink flowers. Per packet 5c

Moshatus. (Musk Plant.) - The thin, delicate MIMULUS. leaves emit a delicate musk odor. Per packet 5c



MARIGOLD. Tagetes.—A class of showy and extremely effective flowers of rich and beautiful colors

Fistulosa.-Sulphur yellow quilled. Per packet 5c

Faviflora. - Brown. Per packet 5c Striata.—Double Striped. Per packet 5c

Gold Striped, Dwarf. Maroon tipped gold. Packet 5c

CALENDULA. Pot Marigold.

Pongel fl. pl.—Double white.

Per packet 5c

Per packet 5c

Per packet 5c

Meteor .- Large double yellow flowers, striped with orange. Packet 5c Prince of Orange.—Similar to "Meteor," but much darker. Packet 5c

Ranunculoids fl. pl.—Double orange. Per packet 5c Pure Gold.—Pure golden yellow; large double flowers, borne profusely

until frost. Le Proust.—Orange yellow, very double.

Officinalis.—Large flowering, extra double; deep scarlet. Per packt 5c

MARIGOLD. deep scarlet.

(Reseda Odorata.)-A well known annual, with spikes of deliciously fragrant flowers. Indispensable in every garden.

Golden Queen .- Dwarf; golden yellow spikes.

Per packet 5c

Odorata. -- Sweet scented.

Per packet 5c

Odorata Grandiflora.—Very large flowered.

Packet 5c, ounce 15c

Machet. Undoubtedly the best Mignonette yet sent out. The dwarf and vigorous plants are of pyramidal growth, producing very thick, stout flower stalks, throwing up numerous dark green leaves, which terminate in long, broad spikes of deliciously scented red flowers. Per ounce 50c, packet 10c It is the best sort for pot culture.

Goliath.—Giant trusses of flowers of pure bright red color. Compact growth, rich green folioge. Excellent for cutting or pot plants. Per packet 10c

New Mignonette Machet "Ruby."—A variety of Machet Mignonette showing the same compact habit of growth as the older sort, while its large, extremely thick flower spikes are of bright copper-scarlet color, such as has never yet been produced in any other existing Mignonette.

Per packet 10c

Allen's Defiance.-Full, round spikes of great length; very fragrant and fine for cutting. Per packet 5c

MIGNONETTE "GOLIATH."

ASTURTIUMS. The dwarf varieties of reasons and beautiful of annuals for bedding, massing, etc., owing to and beautiful of annuals for bedding, massing, etc., owing to michaes of color and profusion of bloom. TROPHAEOLUM. their compact growth, richness of color and profusion of bloom. The tall sorts are admirably adapted for rock work. They flower most profusely when planted in poor

soil, and remain in bloom a long time; stand heat and drought without the slightest effect. The seed, if picked young is an excellent subititute for capers

Dwarf Varieties.

Aurora.-Deep chrome yellow, the two lower petals blotched and veined carmine.

Atrococcineum. - Deep scarlet, verry pretty.

Beauty.-Canary, splashed scarlet.

Crystal Palace Gem .- Sulphur yellow with maroon spots.

Cattel's Crimson.—Deep crimson.

Dwarf Nasturtium "Chamaeleon."-This strain is remarkably dwarf. Its flowers present many attractive colors and markings and are carried well above the foliage. The same general description applies to this as well as to the tall variety.

Per packet 5c, ounce 20c

Empress of India.—Splendid variety, with very dark leaves and crimson flowers.

Golden King .- Brilliant yellow, dark foliage.

King Theodor.-Dark green foliage, flowers velvety, almost black.

King of Tom Thumbs .- Intense scarlet flowers and dark foliage.

Prince Henry.—Beautiful golden-yellow, spotted and marbled with brilliant scarlet, which in combination with the dark green foliage presents a striking appearance.

Pearl.-Creamy white.

Roseum .- Pink.

Spotted King.—Yellow splashed with brown; very handsome.

Dallwig's Special Mixture of Dwarf Nasturtiums.

All the above named sorts in even mixture, put up by ourselves; will furnish the most beautiful bed. Per packet 5c, ounce 15c, 1 pound 40c

——CLIMBING NASTURTIUMS.——

Brilliant Fulgens .- Dark scarlet with dark green leaves.

Coccineum Multiflorum.-Scarlet.

Crown Prince of Prussia.—Brilliant dark blood

Flammulum Grandiflorum.-Scarlet, splashed with vellow.

Tall Nasturtium "Chameleon."-It is unique in bearing flowers of quite distinct colorings on one and the same plant-some clear, deep crimson, others blotched on light ground and others beautifully mottled. The tall variety, with its very large rich flowers in the greatest variety, is unsurpassed for training over fences and trellises, and blooms with the greatest freedom the entire Per packet 5c, ounce 20c season.

Hookeri.-Dark yellow, spotted brown.

New Climbing Nasturtium, Mad. Gunther's Hybrids. -For richness and variety of colors these new hybrids have no equals among Nasturtiums. There are shades of rose, salmon, brightest red, pale yellow, either as self-colors or spotted and striped. The foliage is mostly dark and contrasts very effectively with the rich colors. climbers and free and continuous bloomers. It is impossible to describe all the different colors. It contains a great many colors that are not found in any other mixtures. Per packet 5c, ounce 15c

King of Blacks.—Almost black. Lucifer .- Deep scarlet with dark foliage.

Mercier Lacombe. - Reddish-brown.

Spitfire.-Bright red.

Sulphureum.—Sulphur-yellow.

Triomphe D'Hyeres.—Bright scarlet.

Dallwig's Special Mixture of Tall Nasturtiums,



NASTURTIUMS, MAD. GUNTHER'S HYBRIDS

All the above varieties in best mixture. better offered anywhere. Per packet 5c, ounce 15c. 1 pound 40c

NICOTIANA. Affinis. -An annual with sweet scented, pure white, star-shaped flowers, three inches across, blooming continually. Per packet 5c

SYLVESTRIS.-Large clusters of long, slender, star-shaped, fragrant flowers of snowy whiteness, pyramidal growth.

Per packet 5c

NIGELLA. ing plant with blue flowers and very graceful foliage; grows in any garden. Red, white, blue.

Per packet 5c.

PANS

It is needles to say anything in praise of this universal favorite. Pansy seed is a specialty with us and we have not only the finest collection of varieties but also the very best seed of each variety.

Dallwig's Large Flowering Pansies,

While the Giant-Flowered Pansies are great favorites on account of the immense size of their flowers, Dallwig's Large-Flowering Pansies excel in their endless variety of color, combined with perfection of form and velvety texture and substance of their petals. This strain is from a specialist who has devoted his life to the improvement of these flowers; no better strain is to be had. It is impossible to describe them, as they embrace all colors and markings.

President Carnot. — Auricula Colored. — (New.) - Ground color white; each petal almost covered with a deep rich velvety blotch of dark blue, leaving a violet white margin.

Dark Purplish.-Violet. Dark Bloodred .--

Golden Gem.-Yellow. Dark Purplish Violet, with white edge.

Azure Blue.

Baron von Rothschild .--With brown blotches.

Emperor Frederick,-

(New.)—Dark purplishred flaked with gold, bronze center and scarlet edge, shading into yellow.

Brownish Red,-Snow-Queen.-

Cardinal.-

Fuerst Bismarck.-Bronze marbled.

Yellow with Center.

Striped.-Extra. Gold Margined.-Most

distinct.

Light Blue .-Sky Blue edged White.

Emperor William .-- Ultra-marine blue with dark center.

Victoria.—Bright red; new.

Mahogany Colors.

Meteor.-Brownish red.

Beaconsfield .-Lord Purple-violet with white; very effective.

King of Blacks .-

Dr. Faust.-Jet black with satiny gloss.

Purple Margined Gold.-Rubra.-Splendid reds.

Quadricolor.-One of the prettiest; upper petals sky blue, edged with violet; lower petals spotted and marbled.

(Continued.) Large Flowering Pansies.

Peacock.-Upper and lower petals royal purple, shot with peacock blue; coloring truly beautiful.

Purple Margined White .-Violet Blue. Violet with White Border. White, Spotted Center .-Dallwig's Large Flowering in Splendid Mixture. Per packet 5c, ounce \$1.25

GIANT PANS

The term "GIANT PANSIES" does not adequately describe these new strains, for aside from the enorm-ous size which gives them their name, their colorings are simply superb and their form and substance perfect.

Giant Trimardeau Improved. A greatly improved strain. Flowers of immense size and larger variety of colors than are generally offered under that name. We offer the following colors:-

Glant Emperor William .- Color splendid ultra-marine blue with purple-violet eye.

Giant Adonis. - Magnificent light blue with white centre.

Giant Auricula Colors .- Of especially good substance and beautiful shadings of copper and mahogany colors.

Giant Yellow with dark eenter.

Giant Striped.

Giant White Ground, Marbled.

Glant Vlolet Blue.

Giant King of Blacks.

NEW PANSY "MASTERPIECE."

Glant Golden Gem.—Clear golden yellow.

Giant Snow Queen .- Pure white.

Giant White, Spotted Center.

GIANT TRIMARDEAU IN BEST MIXTURE. All the above colors and shades.

Per packet 10c, ounce \$2.50

GIANT ODIER. Flowers large, spotted on each petal. Splendid mixture.

Per packet 10c, oance \$4.00.

GIANT CASSIER .- This is a very fine mixture of Pansies with three or five blotches on rich backgrounds. The flowers are very large, round and borne on stiff stalks emerging from bnshy, compact plants. This mixture contains a great many red shades. Per packet 10c, ounce \$4.00

GIANT BUGNOT.—Flowers of enormous size and the most circular form; the petals are of great substance and velvety appearance, each one bearing a large, deeply colored blotch that runs out in delicate veins to the edge; the shadings are wonderfully rich and comprise tints of red, bronze and reddish brown that are not to be found in any other mixture. Per packet 10c, ounce \$5.00



"Triumph of the Giants". $\frac{The}{plants}$ of this novelty, which in every respect surpasses anything heretofore offered in Pansies, distinguish themselves by their robust, compact growth and enormous, five-spotted, perfectly round flowers of unusual substance. In most of the flowers the border of each petal is conspicuously undulated and curled. The beauty, brilliancy and richness of color are most striking; many rare and new tones of red and brown will be noted. Per packet 15c

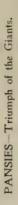
"Masterpiece."—The margin of each petal is conspicuously undulaten and curled. The flowers are of extremely large size, borne well above the foliage on Per packet 15c strong stems.

GIANT HORTENSIA. - New magnificent pink. Color of Hydrangia. Per packet 15c

Dallwig's Giant Pansy Mixture. This mixture comprises all of the above strains

tory proportion of colors.

Per packet 15c, 2 for 25c, ounce \$3.50









DOUBLE FRINGED PETUNIAS.

NEW STAR PETUNIAS.



CHRISTMAS OR CELESTIAL PEPPER.—One of the very best introductions in berried plants. The plants are covered with bright colored cone-shaped fruit at Christmas. Per packet 10c

Handsome foliage plants, 18 inches high, with PERILLA. Handsome ionage plants, to a proper ferror for ornamental bronze red leaves, very effective for ribboning.

Nankinensis Atro. Laciniatis. - Deep mulberry foliage; edges Per packet 5c finely cut.

Nankinensis Macrophylla Compacta.-Finely cut, copper-brown foliage, with green background of metallic lustre; dwarf.

CELESTIAL PEPPER.

-For freedom of bloom, variety of colors, ease of culture and effectiveness these rank with the Asters, Phlox and Verbenas. If only a little care is bestowed upon them, Petunias will produce their handsome, sweet-scented flowers in their delicate and gorgeous colors throughout the whole summer.

Finest Hybrids, Mixed.

Per packet 5c Large Flowering, Single Petunias. --Per packet 10c Fringed.-Per packet 15c Double Fringed .-Per packet 15c

New Star Petunia.—Ground color dark crimson maroon, with violet veinings. The star is a very light blue pink, some almost white, which deepens in color as it reaches the margin, and finally blends with the maroon ground Per packet 15c color.

OX -Invaluable for bedding, masses and cut flowers, bright colors, which vary from the purest snow white to the deepest blood red. There is no annual which can compare for beauty, duration of bloom, brilliancy of colors and usefulness to the Phlox.



Per packet 5c

PHLOX-

Star of Quedlinburg

tinct and star-like.

PHLOX. pacta.)—These are much superior to the other Ploxes for ribbon bedding or borders. bushes, about 8 inches high.

The plants grow very symmetrical in neat little

Florists' sort. Graf Gero.—Dwarf; adapted to pot culture. Per packet 10c

Hardy Phlox.-They are perfectly hardy and need no protection; will grow in any soil, but succeed best in deep, rich, rather moist ground. Their handsome trusses of flowers are very showy and last a long time. Best large flowering, newest varieties mixed. (See plate XI.) Per packet 5c

Old-Fashioned Hardy Flowers

Were never more popular than now. See our List in this Catalog.

Phlox Drummondi.-Many colors mixed. Packet 5c, ounce 50c Large-Flowering Phlox.—Produce flowers twice the size of the common, with the most brilliant selection is a size of the common, with the most brilliant selection.

liant colors imaginable.

Alba.—Pure white; extra large.

Coccinea.—Bright red.

Atropurpurea.—Deep red.

Per packet 5c

Finest Mixed.

Per packet 5c Per packet 5c

Per packet 5c, ounce \$1.00

Fimbriata. Fringed.—The petals are beautifully imbricated, giving the flower a regular starlike form, whose beauty is improved by Per packet 5c broad, white margins. All colors.

Star of Quedlinburg.—The center petals, which are five in number, are elongated from four





PHYSALIS.

PHYSALIS. (Chinese Lantern Plant.) Franchetti.

An elegant ornamental variety of the

Winter Cherry, forming dense bushes about 2 feet high, producing freely its bright orange-scarlet, lantern-like fruits, which are said to be superior to the Winter Cherry for cooking, preserving or eating raw, but it is as an ornamental plant that we think it will be most appreciated. A perennial, blooming year after year. (See cut).

Per packet 5c
Poppies are steadily regaining their old-time popularity. This is not

strange when we consider how many new varieties have been introduced and how large a list of desirable kinds we now offer. Their brilliant dazzling colorings and wonderful variety make a very effective display in the garden or for cut flowers.

SINGLE.

Mephisto.—Striking scarlet color beautifully spotted with dark violet blotches. Per packet 5c Shirley.—The colors of this Poppy are so varied that scarcely two will be found alike, ranging from white, rose and car-

mine to bright sparkling crimson.

Miss Sherwood.— Bears profusely large single flowers of a satiny white, upper half of corolla being a silky chamois rose; a combination of rare delicacy.

Per packet 5c Danebrog.—Fine single poppy, flowers scarlet, with white spot on the base of the petals.

Packet 5c

DOUBLE.

Pacony Flowered Double. — Flowers in size and color equal to Paconies.

Double Pacony Flowered.—Scarlet. Packet 5c

'' '' -Pink. Packet 5c

Packet 5c

Mikado.—Pure white at the back, the fringed edges
brilliant scarlet. Per packet 5c

HARDY POPPIES.

Oriental Poppy.-Unequalled in brilliancy of colors. Flowers very large and range from soft flesh and rose to the most brilliant, dazzling scarlet and richest maroon purple. Perfectly hardy. Mixed. (See plate XI.)

Oriental Poppy.—Scarlet.

Per packet 5c
Per packet 5c

Iceland Poppy. (Nudicaule.)—These Poppies are perfectly hardy and produce in endless profusion flowers which are most useful for cuting. They are of a very graceful, neat habit with slender stalks about 12 inches in height, surmounted by yellow, white, or orange-scarlet flowers.

Per packet 5c

Dallwig's Special Poppy Mixture.—Comprises all the annual Poppies described above, making a splendid color display.



FORTULACCA.



SHIRLEY POPPY

Santa Rosa Poppy.—A new strain of Shirley Poppies, originated and improved by Luther Burbank. Combines all the delicate beauty in color of the original Shirley and Shirley types, and with these the whole flower in all of its petals is beautifully crimpled.

Per packet 5c

Per packet 5c

See also Eschscholtzia or California Poppy, pages 41 and 42.

PORTULACA.—

(Moss Rose.)—For brilliant, beautiful and delicate flowers these lovely plants have no equal. Grows in a dry hot situation, where any other plant would soon die.

Single Mixed.—

Ounce 35c, packet 5c

Double Mixed .-

Per packet 10c

PRIMROSE.—Chinese Primroses are lovely and useful little plants for pot culture, that bloom most freely during winter and spring. Sow in February or March in very fine light soil. Pot into small pots, shift two or three times during the summer and keep in a cool, moist, shady place and success is sure. Our Primula seed is from the best European growers. We furnish florists largely with our strain and it gives satisfaction to everybody.

Single, large flowering fringed Chinese.

Per packet 15c

Primula Obconica, New Large Flowering.—An everblooming Primrose which blooms during eight months of the year. Flowers borne on stems about nine inches high. If sown in March will bloom in June. It is one of the most useful pot plants for the window, and if planted out

makes a very attractive border plant. White, lilac or mixed.

Per packet 10c

"BABY PRIM-ROSE." (Primula Forbesi. — The illustration shows the great freedom with which it bears its flowers. They are of



BABY PRIMROSE.

a delicate rose color and they keep fresh for a long time after cutting. The seed comes up very readily, and the little plants throw up tiny flower stalks when only a few weeks old. These, however, should be pinched off, and the plants kept growing for some weeks when the flowers may be allowed to develop, and from then on they produce their sprays of beautiful flowers in seemingly never ending profusion.

Per packet 10c

RICINUS. Known as "Castor Oil Plant" and "Palma Christi"; a rapid growing foliage plant with large palm-like leaves, much used for subtropical effect on the lawn, or for center beds of foliage plants.

Borboniensis.—Fifteen feet, immense green foliage. Per packet 5c

Sanguineus. — A distinct variety with beautiful brownish red foliage and bright seed-pods; very effective. Height, six feet.

Per packet 5c



RICINUS-Plant and Seed.

Zanzibariensis.—Ten to fifteen feet high and the leaves measure about thirty inches across and in different plants range from bright green with green stems to deep bronze with dark red stems, all having a brilliant luster.

Per packet 5c

Rudbeckia Bicolor Superba.

One of the brightest and most showy plants. The plant is quite compact, and produces numer "s long stems, laden with beautiful, large, yellow flowers, with brown center. Very valuable as a cut flower.

Per packet 5c

SNAPDRAGON.

(Antirrhinum.)—Beautiful spikes of colored flowers, produced all summer. We offer only the best varieties.

Tom Thumb.—Dwarf growing; one foot.

Mixed colors. Per packet 5c

Half High.—Mixed. Per packet 5c
"Queen Victoria."—In this splendid new
variety are combined elegant, finely cut foliage with ununsually large flowers of a brilliant white, borne in great profusion, on long
and graceful stalks; will furnish splendid
material for bouquets. Per packet 10c



CHINESE FRINGED PRIMROSE.

SALPIGLOSSIS.—The shape and size of the flowers somewhat similar to the Petunia and embraces a great variety of rich colors.

Fine Mixed, from named sorts.-

Per packet 5c

(Flowering Sage.)—It is one of the most A desirable plants for decorative purposes, if planted either singly, in groups, or with other plants. The flowers are of the most brilliant, dazzling scarlet, produced in endless profusion and until late in

Salvia Splendens, -Bright scarlet; large flowering; very fine. Per packet 5c

Salvia, Clara Bedman. (Bonfire.) - Handsome globular bushes about 2 feet high by one foot in diameter. The spikes grow errect and stand clear above the foliage, completely covering the plant and are of a most brilliant dazzling scarlet. Per packet 10e

Salvia Coccinea. - Deep crimson, dwarf.

Packet 5c



Spotted Leaved Scarlet Salvia. (Salvia Splendens, "Silverspot.")—The leaves are rich soft dark green, with light sulphur or cream colored spots of various size liberally sprinkled over them. The intense bright scarlet flowers are very large and the plants of neat compact habit of growth. Per packet 10c

New Salvia Splendens, "LITTLE LORD FAUNTLE-ROY."—Foliage 10 inches from ground, the eight inch flower spikes standing erect above the darkinch flower spikes standing green leaves. The best for bedding.

Per packet 15c

(Mourning Bride.)—Very useful and ornamental plants with rich and beautifully colored flowers, equally effective for beds or borders; excellent for cutting.

Nana Fi. Pl.-Dwarf, extremely double and valuable Mixed color. for bouquets. One foot.

Per packet 5c

COMPACTA.—Half-high.

Dark Brown with White,

Dark Brown,

White, Cherry,

White and Lilac, Cherry and White, Lilac.

Per packet 5c SNOWBALL SCABIOSA.—The flowers of this new Scabiosa are large

measuring fully 2 inches, in diameter, of purest white and very double. The stems are very strong and the foliage luxuriant. Fine for vases and bouquets.

Per packet 5c

SEDUM. Stonecrop. -A useful dwarf plant for rockwork baskets. Flowers star-shaped. Mixed. Per packet 5c

SILENE. Catchfly.— Bedding plants of dwarf growth and covered with bright, red-colored flowers. Height, one foot.



Per packet 5c

SWEET WILLIAM. - The Sweet Williams are generally sown in August or September, but may also be sown in the spring.

Large Flowering.—Single Mixed.

Per packet 5c

SWEET WILLIAM

Double "

Per packet 5c



SWEET PEAS.

Everyone who Cultivates Flowers Should Plant Sweet Peas. Our List Includes all of the Best Varieties Both Old and New.

FOREMOST IN EASE OF CULTURE. MOST VARIED IN BOUNTEOUS TINTS. FRAGRANT AS ANY FLOWER.

The Sweet Pea is one of the most popular flowers in cultivation and numbers among its enthusiastic admirers thousands of skilled cultivators. It is a free flowering climber and considered one of the best annuals that enrich the flower garden. Early in spring make a trench about six inches deep in rich, mellow, but not light soil, so arranged that no water can stand in it, and plant the seed in the bottom, taking care not to cover it more than two inches. When the plants are about five inches

high, fill up the trench and fur-Blanche Bur-pee.—Pure nish some support for the vines to run upon. The flowers should be picked before they form white, large. Per ounce 10c pods, or the plants will soon stop flowering. Emily Henderflowering. Per ounce 8c Mont Blanc. - Large pure white. Valu-able for forcing. The Bride .white. Per ounce 10c Josephine White .- Like Emily Per ounce 15c glass. Stella Morse.-Primrose, tinged blush. Per ounce 10c Primrose.—Pale primrose-yellow color. Per ounce 8c Hon. F. Bouverie. - The finest of all soft pinks. edges. Per ounce 10c Katherine Tracy.-Brilliant pink. Very large and graceful flowers. Per ounce 10c Prima Donna.—A beautiful shade of light blush pink. A large perfect flower. Takes first place among pinks. Per ounce 10c Lovely.—A shade deeper than Prima Donna. The most beautiful soft shell-pink. Grand flowers of large size. Per ounce 10c Pink Friar .- Soft carmine rose on a crystalline white ground. Per ounce 10c Blushing Beauty.—Extra large; rich soft pink. Per ounce 8c

son. - A fine pure white, early and free

Oz. 15c

Large pure

Henderson, but earlier and longer stemmed. A most profitable sort for growing under

Pinkish-salmon at base, shading lighter at

Mrs. Dugdale.—Crimson rose, suffused primrose. Ounce 10c

Lady Penzance.—Rare tint of delicate rose, large and well formed. The silken thread-like lacing adding to their elegance.

Per ounce 10c

Coccinea.—Beautiful, brilliant cerise. Per ounce 15c Salopian .- Large size, rich, deep, glowing crimson tinged with orange Per ounce 10c

Brilliant.—Rich bright scarlet. As intense as Firefly and slightly larger.

Per ounce 10c Firefly.—Standard fiery scarlet, wings crimson scarlet, very large.

Per ounce 10c "Navy Blue."—The only Sweet Pea that is of a true blue color. General color-effect dark blue; standards brilliant royal purple; wings pure violet; the whole flower elegantly veined in sharp relief.

Per ounce 15c

SWEET PEAS. Continued.

Captain of the Blues. - Vigorous, a fine bloomer, large flowering. Oz. 10c New Countess .- Pale lavender; pure. Per ounce 10c

Lady Nina Balfour.—A delicate mauve. Its texture throughout is very fine. even-grained. Without luster, giving it that soft, "quiet" effect which is so pleasing a contrast to Per ounce 10c

the brilliant and glossy shadings. Lady Grisel Hamilton.—New. Most attractive light lavender standard, with azure-blue wings; extra

large in size. Larger and superior to the famous "New Countess." The wings are of a lighter shade, which gives it even a dainties character. Per packet 5c, ounce 15c

Gorgeous.—Standard bright orange, wings bright orange rose. Very bright and showy. Ounce 15c Dorothy Tennant.—A rich shade of rosy mauve. Flowers of large size. Per ounce 10c

Shazahda.—Standard strong purplish maroon without luster, veined in deep relief. Wings a velvety indigo-purple. Per ounce 10c

BLENDINGS.

Countess Codogan. - Reddish mauve standard: wings violet blue. Per ounce 10c

Venus.-Delicate. A mingling of pink, salmon and rose-bluff, difficult to describe faithfully. Per ounce 8c

Lemon Queen.—Blush pink and lemon. Oz. 8c

Apple Blossom.—Standards flaked and suffused with a delicate rose; wings lightly blushed.

Per ounce 8c

Orange Prince. - Bright orange-pink, flushed scarlet; wings rich rose veined with pink. Per ounce 8c

Lottie Eckford .- Suffused and narrowly edged with lavender on white ground. Oz. 10c

Butterfly.- Edged like Lottie Eckford, but showing less tint in standard and wings.

Fairy Queen.—Penciled effect. White with fine lines of carmine on the standard. Per ounce 8c

CONTRASTING SHADES. ==

Earliest of All.—Blossoms like Extra Early Blanche Ferry, but earlier.

Per ounce 10c

Extra Early Blanche Ferry.—Of greatest value for cut flowers, being 10 days earlier, dwarfer and a more prolific bloomer than the original Blanche Ferry. Deep rose pink, with white wings. Oz. 10c

Blanche Ferry.—Very striking, pink and white.

Per ounce 8c

VARIEGATED SORTS.

Aurora.—Rich bright orange stripes and flakings on a white ground. Per ounce 10c

Gaiety.—Bright and lively stripes of rosy lilac on white ground. Per ounce 10c

Ramena.—Creamy white, daintily splashed with Per ounce 10c pale pink.

Gray Friar.-Speckled effect. A light watered purple on white ground. General effect gray, and with its fine speckled "pepper and salt" variegations certainly odd and attractive.

Daybreak .- Delicate veinings of bright scarletlake and carmine finely woven into narrow, wavy Per ounce 10c rays on white ground.

Columbia .- A tricolored variegated variety, odd and attractive in its markings. Standards crimson-rose striped on white ground, wings pale bluish-mauve, striped on white ground Oz. 10c

All Above Varieties 5 Cents Per Packet.

Choice Mixed.—

Per ounce 5c, \(\frac{1}{2}\) pound 15c, pound 50c

Extra Choice Mixed.—Put up by ourselves. All first-class colors of grandiflora type in royal mixture. Per packet 5c, ounce 8c, 1 pound 20c, pound 60c

"Dallwigs Best Mixed. 99 -This mixture of Sweet Peas in undoubtedly the named varieties of the large flowering type. The seed of each has been grown separately and only the largest-flowered, most beautiful Sweet Peas have been selected and mixed by ourselves. We can assure all lovers of Sweet Peas that in no other blend is it possible to obtain "only the best" and all the best of the new large-flowering Sweet Peas as in this unequaled mixture, "Dallwig's Best."

Per packet 5c, ounce 10c, \(\frac{1}{4}\) pound 25c, pound 75c

CUPID SWEET PEAS.—The plant does not grow over six to eight inches across. Well adapted for borders and for bedding. They are wonderfully free bloomers and will be found very valuable for cutting, each of the flowers on one stem coming to bloom at the same time. Makes a most attractive pot-plant.

Best Mixed.-

Packet 5c, ounce 10c, 1/4 pound 25c

For new Sweet Peas see Novelty Pages.

STOCKS. These are among the best and most popular of the grand brilliancy of color and general effect they are unsurpassed. These are among the best and most popular of the garden favorites. In

Large Flowering Wallflower-Leaved.—Dark bloodred, porcelain blue, canary yellow, crimson, pure Packet 5c, white.

Large Flowered Pyramidal Stock, "Princess May". - (Wallflower-Leaved.) Fine, large, double flowers, pure yellow. Forms a compact pyramid, bearing flowers one and one-half inches across. Highly recommended. (See illustration next page.) Packet 10c



Cut and Come Again .- Blooms perpetually until fall. Crimson, white, darkblue, flesh-color, reddish-brown, crimson-purple. Mixed. Per packet 5c

MAMMOTH WHITE COLUMN. Snow White. (Improved Snow White Dresden.)-Distinguished by a remarkably vigorous, robust growth, and gigantic, magnificent double

flowers, borne on long stems, making them valuable as cut flowers. Per packet 10c

Large-Flowered Dwarf Pyramidal.—Highly recommended for the garden. Light blue, brilliant pink, flesh color, carmine, pure white. Separate colors or mixed. Per packet 5c

Dwarf Bouquet .- Of low, compact growth, much branched and a long bloomer.

Azure, White, Pink, Crimson, Fesh Color, Dark Violet, Light Blue. Dark Bloodred. Mixed. Per packet 5c

New Winter Stock .- Well-branched plants bear-Beauty of Nice. New Winter Stock.—Well-branched plants bear-lowers of flesh-pink color. Blooms in 14 weeks, so that it may be treated as a summer stock. Blooms all summer, fall and winter. Per packet 25c

VERBENA. The vergena is one of the blost called in the splendor of plants in cultivation, unrivalled in the splendor of The Verbena is one of the most effective bedding

its dazzling brilliancy of flower; of very neat habit, a constant bloomer.

Pure White, Scarlet, Dark Blue, Blue with White Eye, Dark Bloodred, Striped.

Auricula Flowered, large umbels of white-eyed flowers. Defiance, Rich Scarlet, Mixed Colors.

Per ounce \$1.25, packet 5c Dwarf Deflance.—Bright scarlet. Per packet 10c Dwarf Bloodred .-Per packet 10c

Mammoth.-Extra large-flowering in splendid mixture. Seed saved from perfect flowers only. Packet 10c

-Ornamental free-blooming plants; seed must VINCA. be sown early and then the plants will bloom the first summer. They can be taken up in the fall like Chrysanthemums, potted and kept in bloom throughout the winter. Mixed colors. Per packet 5c

VIOLA. Violet.—There is probably no plant that can equal the Sweet Violet for delicate and delicious fragrance. It always has been and always will be a prime favorite. Unsurpassed for planting in borders

where the situation is rather moist and shady. They bloom freely and give unending de-

STOCK PRINCÉSS MAY.

light with their beauty and fragrance.

Semperflorens Blue.—Everblooming, sweet scented. Per packet 5c

The Czar.—Large flowering, blue.

Per packet 5c

Vall Flower. The conspicuous spikes of the charming of the double German varieties have a charming effect while the more bushy, compact growth and profuse blooming of the single ones render them exceedingly attractive. Half hardy perennials.

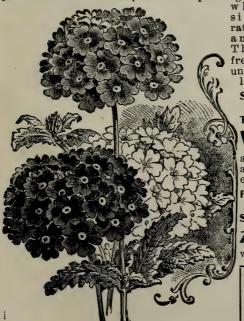
Finest Double.—Two feet. Yellow and brown.

Per packet 5c Per packet 5c

Single Mixed.

ZEA JAPONICA.—A variety of corn with orna-mental foliage; leaves green and white. Half hardy annual; six feet high.

Dahlias. Within the last few years there has been a won-have carefully revised our list with a view of selecting the best of the newer varieties as respects free and continuous qualities, purity of color and perfection of form. We list the best varieties on pages 69 to 72.







Very showy plants of branching habit, with very fine double, brilliant colored flowers.

Crimson, Yellow, Scarlet, Pink, Mixed. Per packet 5c

Dwarf Orange-Red.-For bedding, very pretty.

Per packet 5c

Mixed Flower Seed. This contains many destrated for varieties, and is well adapted for use by woodland walks, and naturalizing purposes, as well as general garden work.

Per packet 5c

RUNNING VIN = SEED. =

BALLOON VINE. Remarkable for its inhated membrahous capetiles, states, see white. Per packet 5c in-a-Puff." A rapid and gracefull climber. Flowers white. Remarkable for its inflated membranous capsules; sometimes called "Love-

Canary Bird Flower.—One of the most charming climbers, bearing an abundance of bright yellow fringed flowers. Ten feet. Per packet 5c

COBAEA.—A rapid growing climber, sometimes attains the height of blue-violet. To prevent it from rotting place the seeds edgeway and cover slightly with light soil. Per packet 5c

CHARANTIA. (Balsam Pear.)—A rapid growing climber with very beautiful fruit, of a rich golden yellow color, which opens when ripe, disclosing the seeds encased in a carmine covering. The fruit, preserved in alcohol, makes a useful linement.

Dolichos or Hyacinth Bean. Of quick growth, the foliage dense and handsome, the flowers abundant and pretty, and the seed pods shining, large and of a purple-violet color. Red, white and purple. Per packet 5c

Gourds Ornamental. All of this climbing genus are of rapid growth and produce fruit of peculiar and varied

CANARY BIRD form. Gooseberry.-Small, bright green. FLOWER Pear Shaped.—Green, striped with cream,

Bottle Shaped, Apple, Orange, Small Onion Shaped, Egg, Smail Pear Shaped Marbled, Smallest Green Striped Apple, Flattened Bottle. Mixed. Per packet 5c

POMOEA. Elegant twining plants, showy flowers and beautiful foliage. Excellent for trellises, arbors, fences, etc.

Coccinea. (Star Ipomoea.)—Scarlet free flowering. Packet 5c Quamoclit. Cypress Vine.—A favorite, well-known, climbing vine, with graceful, airy foliage and handsome flowers. Scarlet. Per packet 5c

Ipomoea Noctiflora. (True Moon Flower or Evening Glory.)—Magnificent climber, producing handsome dense foliage and a large number of clear white, very fragrant flowers. Start in the house and plant out after danger of Per packet 5c frost is past.

NEW JAPANESE HOP. It resembles in habit our common hop, but the foliage is more deeply cut, and very dense. An extremely rapid grower. Per pac Variegated Foliage.—Very beautiful variety. Easy to grow. Per packet 5c Per packet 5c

Snake.-COBAEA.

GARDENING RY

CHILDREN

No occupation is as healthy, innocent or instructive to a child as a practical study of nature. No matter how small the space of ground the pleasure to a child of cultivating a little garden will always develop ambition, and the pleasure of observing the growth from the day the seed sprouts until the plants attain perfection is in itself a lesson which both young and old can appreciate. The good, wholesome benefit derived by the children must necessarily cultivate the mind, while at the same time amuse.

Heads of Institutions and School Managers would do well to cultivate in the minds of the children under their charge a love of nature and the beautiful.

Annual flowers such as Balsam, Mignonette, Four O'Clocks, China Pinks and Phlox are all easily raised and afford a showy display at small cost and little labor. In Vegetable Seeds our selection in unexcelled.



LOPHOSPERMUM SCANDENS. -

Quick growing, graceful climber, excellent for use in hanging baskets, or in a shady situation. Flowers rosy purple.

Per packet 5c

MINA LOBATA.—One of the most beautiful climbing vines. The flowers appear an forklike racemes, rising almost erect out of the dense and luxuriant foliage; are as buds at first bright red, but change through orange yellow to yellowish-white when in full bloom. It is a very rapid growing climber, forming pyramids of over eighteen feet in height, most ornamental in appearance, the leaves being three lobed. Per packet 10c

Imperial Japanese
Morning Glory.— The flowers are of exquisite beauty in form and coloring and of enormous size. The colors vary from pure white to rose, crimson and carmine, through blues and purples to almost black, some being mottled, striped, penciled and bordered in infinite variety and diversity. The foliage also is often prettily variegated.

Per packet 5c

Fancy Frilled Japanese Morning, Glories.—This mixture contains a finer and larger collection of colors with larger flowers, more frilled than the ordinary mixture. Per packet 10c

MORNING GLORY, Mixed.—

Per pound 50c, ounce 10c, packet 5c

Momordica Balsamina. (Balsam Apple.) —
Beautiful climbing plant with handsome apple-shaped fruit. Per packet 5c

Maurandia.—A climber having tube shaped flowers which last until late in the fall. Ten feet.

Maurandia Barklayana.—Blue. Mixed.— Per packet 5c

PASSION FLOWER.—Handsome rapid elimber,

rapid climber, MINA LOBATA.

for greenhouse decorations and sunny positions in the open ground in summer.

Passiflora Coerulea.—Slightly fragrant. Light blue.

Per packet 5c

SMILAX.—This is the most useful greenhouse climber known; foliage small, glossy-green, flowers small, white, very fragrant. Eight to ten feet.

Per packet 5c

SCARLET RUNNER.—Height six feet; cultivated for the beauty of its flowers and also as a useful vegetable.

Per packet 6c

WILD CUCUMBER.—Quickest climber for arbors, fences, etc. A well-known vine.

Per ounce 10c, packet 5c

VINES. There is no other class of plants that possesses quite so much grace and poetry as pretty trailing or climbing vines. It has been truly said that they are Nature's drapery. They add beauty and attractiveness to the plainest of dwellings, and should be lavishly trained over windows, porches and porticos, or wherever they will add finish and effect. The work should not be overdone, however, and should not be confined to the house alone. Outhouses, as barns, henneries, etc., may be attractively covered and much that is inartistic concealed.

SUMMER FLOWERING BULBS.

AMARYLLIS. Formosissima.—Each of the five narrow petals is from three to four inches long, and

of a very intense, rich scarlet. Each 10c, dozen \$1.00 A. Johnsoni.—Immense trumpet-shaped flowers of rich, deep, velvety crimson, each petal having a broad white stripe, con-

> trasting beautifully with the deep red color. Each 25c & 35c

Tuberous Rooted BEGONIAS

These showy flowers have become very popular and deservedly so. From the time the first flowers expand until frost puts a stop to further blooming, they are literally covered with SINGLE TUBEROUS ROOTED BEGONIA. DOUBLE TUBEROUS ROOTED BEGONIA. flowers of the richest



colors, more brilliant than the most dazzling geraniums. They want protection from the hot sun. Single.—White, scarlet, pink, yellow. Ea. 7c, doz. 70c Double.—Same colors. Ea. 10c, doz. \$1.00

CALADIUM ESCULENTUM ELEPHANTS'

Enormous leaves. One of the finest sub-tropical plants which can be grown in the open air in the North. It is of easy culture, the chief requisites being a rich soil, and an unlimited supply of water. Very effective for the flower border and for planting out upon the lawn, especially with Cannas or Castor Oil plants.

Each 8c, 10c, and 15c; dozen 80c, \$1.00, and \$1.50 Postage 4c, 6c, and 8c per bulb extra.

These very handsome, tropical-· looking plants are unrivaled for effects on the lawn; there large glossy green and red



C ALADIUM ESCULENTUM.

Large Flowering Cannas

Alphonse Bouvier.—5 feet. Crimson. Austria.-6 feet. Canary yellow. Betsy Ross. -21/2 feet. Beautiful pink Burbank.—5 feet. Orchid-fowered, rich yellow, inner petals spotted crimson. Buttercup. -3½ ft. Buttercup yellow. Chas. Henderson.—4 feet. Crimson. Chicago.—5 ft. Clear deep vermilion. David Harum.—3½ feet. Dark bronze foliage; flowers vermilion-scarlet dotted crimson.

Egandale.-4 feet. Purple foliage; color currant red.

Florence Vaughan. 4 feet. Golden yellow dotted with carmine.



Cannas. Continued.

Italia.-5 feet. Center brilliant red, outer half clear yellow.

King Humbert.—New Giant.

Massive and handsome bronze foliage. Produces freely spikes with enormous heads of the largest flowers. Color, brilliant rich orange scarlet and crimson striped. 4½ feet. Each 25c, doz. \$2.50 Mad. Crozy.-4 feet. Vermilion bordered gold.

Milwaukee. -3 1/2 feet. Rich dark maroon.

Pres. McKinley.—3 feet. Scarlet, great bloomer. Queen Charlotte.—4 feet. Rich crimson scarlet, wide gold border.

Sec. Chabanne. 4 ft. Deep salmon shaded orange All Cannas on this and preceding page except King Humbert: each 10c, dozen \$1.00

CINNAMON VINE.—This charming climber forms a canopy of bright green leaves and delicate small white flowers of most delightful cinnamon odor. Each 5c, dozen 50c

CRINUM KIRKI.—Broad white petals with a deep purple reddish stripe through the center. Fragrant. Mammoth bulbs, each 25c; postage 5c extra

LARGE FLOWERING

The Gladiolus constitutes one of the finest features of the flower garden during the summer and autumn months. Every desirable color is represented from the most intense scarlet to the purest white.

New Large Gladiolus Princeps.

PRINCEPS FLOWER SPIKE, 2-5 NATURAL SIZE. One of the finest and most handsome varieties yet produced. It grows from 3½ to 4 feet high, with very broad and handsome foliage, which forms a grand setting for the brilliant Amaryllis-like blooms. The color is rich crimson, with intense shad-

ings in the throat and broad white blotches across the lower petals. The flowers measure 5 inches in diameter. Each 20c, doz. \$2.00

New Gladiolus America

The finest pink gladiolus produced to date. Beautiful soft flesh pink, very light, slightly tinged with lavender which gives it the delicate coloring of the most beautiful lælia Strong erect spike of the largest flowers, set & to show to the best advantage.

Each 20c, dozen \$2.00

Angele.—Pure white. Each 10c, doz. \$1.00 May .-- Pure white flaked rosy crimson.

Each 4c, dozen 35c

GLADIOLUS MIXTURES. Prices do not include postage.

Red and Scarlet,-100 \$1.35 Doz. 20c, \$1.50 Pink Shndes .-25c, Light and White.—Extra. 30c, \$2.00 Good Mixed .-15c. \$1.00

HYACINTHUS CANDICANS.

Can be used with excellent effect in the center of a bed of scarlet Gladioli, as it comes into bloom about the same time. The flowers are bell-shaped, pendulous, pure white, and somewhat fragrant.. The plant is hardy and grows stronger each year. Very useful along walls, fences and in beds.

Each 5c, dozen 50c



HYACINTHUS CANDICANS.



and red flowers.

GLOXINIAS. New Glant Flowering Hybrids.

Beautiful house plants af dwarf habit and easy culture. Flowers are trumpet-shaped with beautiful markings.

Defiance.—Rich crimson-scarlet.

Emperor Frederick.—Red with white border.

Emperor William.—Violet-blue, white throat, beautifully streaked and spotted.

Mont Blanc.—Pure white. Ea. 10c, doz. \$1.00

HARDY LILIES

Too much cannot be said in praise of the Lily, with eminent propriety styled the "Queen of Flowers". No flower is more expressive of queenly beauty and faultless purity than the Lily. They thrive best in a dry, well drained, rich soil. All Lilies offered below are hardy enough to stand the winter outdoors. It is well, however, to protect them with litter or straw.

ALL OUR LILY BULBS ARE FIRST SIZE.

THE THREE QUEENS

Auratum, Album and Rubrum. No flower garden is complete without these three grand lilies Their ease of culture, hardiness and freedom of bloom commend them to every flower lover.

AURATUM. -- The Gold Banded Lily of Japan.

This peerless variety is without question the grandest of all the Lily family. The flowers are pure white, thickly studded with crimson spots, while through the center of each petal runs a clear golden band. Flowers measure from 7 to 10 inches across, produced abundantly; deliciously fragrant.

Each 15c, dozen \$1.50

SPECIOSUM ALBUM.—Pure white, with beautiful recurved petals, very fragrant. They are graceful, free-blooming, perfectly hardy, and will grow and flower without special treatment.

Each 15c, dozen \$1.50

SPECIOSUM RUBRUM.—Crimson Banded. The magnificent flowers are white, with a deep rosy or crimson band on each petal, with deeper colored spots between. They are five to six inches in diameter, very fragrant, and have all the hardiness of the Speciosum class.

Each 15c, dozen \$1.50

SPECIOSUM MELPOMENE.—A most beautiful variety. Flowers frosted white, spotted, clouded and bearded with pinkish crimson. Petals deeply recurved and widely bordered.

Each 15c, dozen \$1.50

Canadense, Meadow Lily.—This pretty Lily is one of our hardy native sorts, and bears a graceful stem of drooping, bell-shaped, yellow

Each 10c, dozen \$1.00

Tenuifolium, Siberian Lily.—One of the very hardiest Lilies; flowers vivid scarlet, with petals reflexed; very showy and free flowering, blooming early in the spring.

Each 15c, dozen \$1.50

Tigrinum, Tiger Lily.—Very hardy native lily; orange-red, spotted with purplish-black.

Each 8c, dozen 75c

LILY OF THE VALLEY. —No garden is complete without a few clumps of these fragrant flowers, which are such universal favorites as to need no description. Glossy foliage and spikes of graceful white bells of delicious fragrance.

Large clumps, each 25c, dozen \$2.50, by express or freight.

MADEIRA VINE.—A rapid growing graceful vine, with smooth, waxy, dark green leaves and dainty racemes of tiny, fragrant, white flowers. Ea. 5c, doz. 50c

TUBEROSE, Double Dwarf Pearl.—Pure white, perfectly double, delightfully fragrant; invaluable for bouquets. Each 5c, dozen 40c

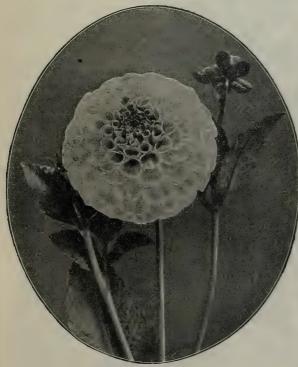
Japanese Fern Ball.—The Ball is composed of Japanese Island Fern Roots and Sphagnum Moss, and so constructed as to send out leaves of beautiful emerald green from every point. They grow rapidly, and make a handsome ornament for the home, conservatory or greenhouse. Place ball in water until thoroughly wet and then suspend in any desired position; repeat every two days until growth is started, after which sprinkle occasionally as required. Dormant, each 50c



TUBEROSE, DOUBLE DWARF PEARL

Dutch or Holland Bulbs for Fall Planting.—Our importations of Dutch Bulbs have been made from some of the principal growers in Holland for a number of years past with the most satisfactory results. Fine

heavy bulbs, producing beautiful blooms, all true to name and color. SEND FOR FALL CATALOG. READY SEPTEMBER 1st. =



PENELOPE.

FANCY DAHLIAS

Fern-leaved Beauty. - Beautiful fern-leaved sort white, striped deep crimson.

Harlequin.—Brilliant crimson, shaded darker, striped and tipped pure white; dwarf and extremely profuse bloomer, on good stems.

Hercules.-Large; deep scarlet, lightly penciled

Penelope.-White, flaked lavender. Most beautiful and chaste. perfect form, always full to the center; profuse bloomer. Fine for cutting. Silver Tip.—Pure canary yellow, tipped white.

Strong roots, each 15c, dozen \$1.50

DAHLIAS

After some years of comparative neglect, the Dahlia is steadily regaining its old-time popularity. This is not strange when we consider how many new varieties have been introduced, and how large a list of desirable kinds we now offer. Wonderful advances kinds we now offer. Wonderful advances have been made in variety and size of flowers, keeping qualities, and strength of stem. Their brilliant colorings and wonderful variety make them effective as garden plants or for cut.

The varieties which offered below have been selected for their free and continuous flowering qualities, purity of color and perfection of form. Our collection is constantly being enlarged by the addition of meritorious nov-

WE SEND OUT ONLY STRONG ROOTS.

SHOW DAHLIAS

Perfectly double, with quilled, cupped and incurved petals.

A. D. Livoni.—Beautiful soft pink, quilled.

Client.—Deep velvety crimson.

PINK DANDY .- A purer pink than Livoni; the flowers are larger and the stems longer. Of beautiful form with full, high center.

STORM KING.—(Blizzard.) Snow white, of perfect form. Fine for grouping or as a cut

Willie Garret .- Richest crimson-scarlet; a good companion to Storm King.

Wm. Raulings .- Large; dark purple. Yellow Standard.—A fine, pure yellow.

Any of above, strong field roots, each 15c One each above 7 varieties for 85c

Double Dahlias to Color

Light Red, Dark Red, Red and White, Pink, Yellow, Purple.

each 10c, dozen \$1.00 Strong roots, Extra strong roots. each 15c, dozen \$1.50

Send orders early, to insure complete selection



CACTUS DAHLIA KRIEMHILDE.

Each 15c, dozen \$1.50

DECORATIVE DAHLIAS These are the large flowering Dahlias with loose, open outline. They differ from the true Cactus type in having broader and heavier petals. They are especially valuable for decorative work, as they are strong, vigorous growers and can be cut on long stems.

Clifford W. Bruton.—The best yellow; of immense size, perfect form. Each 15c, dozen \$1.50 CATHERINE DUER.—Flowers of immense size, measuring 7 inches in diameter; opens out flat, and Each 20c, dozen \$2.00 shows no center. Color the most beautiful glowing red.

FRANK L. BASSETT.—Bright royal purple, shading to blue. Each 20c, dozen \$2.00

GETTYSBURG.—An extremely large Decorative Dahlia; full, round high center; bright, rich, pure scarlet. Strong, vigorous, but dwarf grower. Each 25c, dozen \$2.50 Grand Duke Alexis .- Pure white, distinctly tinged delicate pink. Each 15c, dozen \$1.50

MAD. VAN den DAEL.-Immense size and beautiful form. Color soft shell-pink, with deeper markings. It can best be described as an immense-flowered "Nymphæa" Dahlia, flowers often measuring 6 inches in diameter. Each 25c, dozen \$2.50

MRS. ROOSEVELT.—It is of larger size, better color, more graceful in form, has better stems for cutting, will bloom better, and last, but not least, will keep longer when cut than Grand Duke Alexis. Delicate pink, shading to soft, clear pink. Each 25c, dozen \$2.50

Mrs. Winters.—Very large, most finely formed, pure snow-white. Each 15c, dozen \$1.50 Nymphaea.—Clear, light shrimp pink, tinted lighter toward the center. Each 15c, dozen \$1.50 Perle d'Or.—Grand white decorative dahlia. Immense size; fine cut flower. Each 15c, dozen \$1.50

Sylvia.—Flowers from 4 to 5 inches in diameter, of fine form and full to the center, which is white, shading to soft pink on the outer petals. Early and profuse bloomer. Long, stout but graceful stems. Each 20c, dozen \$2.00

One each of above twelve decorative Dahlias for \$2.00

CACTUS DAHLIA The petals of this class are very long, pointed and beautifully twisted. This type is the most popular at present. The collection offered below represents the cream of the Cactus variety.

Six New Large Flowered Cactus Dahlias

FLAMINGO.—Very large flower. Color bright, flaming scarlet, with long pointed petals. FLORADORA.—Color beautiful, glistening scarlet-crimson. Fine Cactus form, full to the center, and

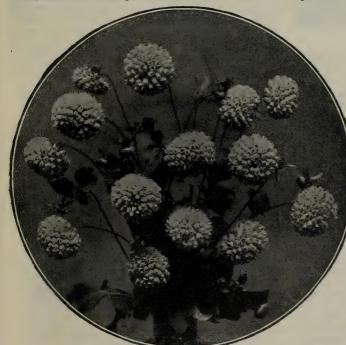
fine pointed petals.

KRIEMHILDE.—Color is a fresh delicate pink, shading to white in the center; the form is all that could be asked; it is a profuse bloomer. It is a strong, vigorous grower, of upright habit, the stem being strong, holding the flowers up stiff, making it invaluable for all cut-flower purposes.

John Elitch.—Deep, rich red. Large, perfectly formed.

MARS.—Bright dazzling scarlet of good size and free-blooming qualities.

VENUS.—One of the most beautiful Dahlias, of exquisite Cactus shape, medium size, snow-white, of exquisite substance and finish. A very dwarf grower, branching right at the ground, and producing its flowers in endless profusion, the same as the most profuse-blooming Pompon Dahlias.



POMPON DAHLIA, LITTLE BEAUTY.

WINSOME. -- Undoubtedly the finest pure white Cactus Dahlia to date. Flowers are large of beautiful Cactus form, with twisted incurved petasl giving great depth to the flower. Produces flowers in great quantities on long, erect stems.

Above 6 sorts, each 20c, doz. \$2.00

6 Fine Cactus Dahlias

Beatrice.—Large, deep rosy pink; of finest Cactus form; strong grower Earl of Pembroke.—Bright plum, deeper toward the center.

Harmony.-A lovely combination of harmonious tints from old-gold to orange-red.

John H. Roach.—Fine light yellow, of perfect form.

Sieafried.—Snowy white.

Sindolt.—Soft rose.

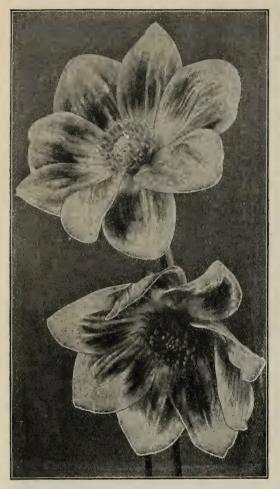
Above 6 sorts, each 15c, doz. \$1.50

POMPON DAHLIAS

La Petite Barbara. - Fine pure white Little Beauty.-Delicate shrimp-pink Snowclad.—The finest white. Sunshine.-Brilliant scarlet.

Yellow Bird .-- Pure creamy yellow.

Any of above, each 15c, doz. \$1.50 Pompon Dahlias are especially valuable for bouquets.



ous grower; an extremely profuse bloomer. Each 40c, 3 for \$1.00

One each above 5 New Century Dahlias and one 20th Century Dahlia for \$2.00

COLLARETTE DAHLIA, PRESIDENT VIGER Rich, deep blood-red, shading darker towards the base of the petals, with pure white collar, occasionally suffused with rosy carmine. The flowers are always perfect, with eight petals, and it is an extremely early and profuse bloomer. Ea. 20c, doz. \$2.00

STANDARD SINGLE DAHLIAS

BUTTERCUP.—(New) Very dwarf; rich yellow flowers in the utmost profusion, on slender, wiry stems, Each 25c, dozen \$2.50 GAILLARDIA.—(New) Golden yellow, with a

broad band or disc of red around the yellow center. Each 20c, dozen \$2.00

Cloth of Gold.—Large, light yellow.

Lawrence Kramer.—Deep, bright, rosy pink of the richest, brightest shade.

Snow Queen.—Best pure white.

White Cross.—Soft rosy lake, a pure white stripe running through center of each petal. Wildfire.—Clearest scarlet, very large and

Single Dahlias, if not otherwise noted, each 15c, dozen \$1.50 long stemmed.

SINGLE DAHLIAS

20th Century.—The most wonderful Dahlia ever introduced. It is impossible to correctly describe this exquisite variety. It must be seen that one may fully appreciate its marvelous beauty. The flowers are very large, 6 inches in diameter. The color is intense rosy crimson, with white tips and white disk around the yellow center. As the season advances the dark-colored zone becomes lighter and the color contrast exquisitely lovely, and can be compared with no other flower than the beautiful orchid. The color of the 20th Century does not fade or change like many other flowers, but it is a case where each succeeding flower opens lighter and lighter as the season advances. Every week we really have a new flower.

Each 25c, dozen \$2.50

NEW CENTURY DAHLIAS

Crimson Century.—Very large Century size and form. Color deep glowing crimson, shaded darker, tipped rose, with white disc. A beautiful combination of colors. Each 40c, 3 for \$1.00

Lavender Century.—Very large, delicate lavender, with a deeper shaded band around the center, after the manner of 20th Century. Flowers are of perfect form; early and extremely profuse Each 35c, dozen \$3.50 bloomer.

Pink Century.—This magnificent variety is the largest and finest of the Orchid-flowered Dahlias to date. No one can properly conceive the exquisite delicacy of the color, texture and finish without beholding the actual flower. In size this is 61 to 8 inches in diameter; profuse bloomer. Color is a delicate shell-pink, slightely suffused clear soft pink.

The Record.—The color is a clear yellow, the center of each petal being flamed and washed with scarlet. We consider this one of the most striking of the Century seedlings. Each 35c, doz. \$3.50

White Century.—Probably one of the finest TWENTIETH CENTURY DAHLIAS. of the new single class. Flowers are of immense size, 6 to 7 inches in diameter, and of beautiful snow-white color. The plant is a very strong, vigor-



HARDY PERENNIAL PLANTS.

The popularity of this class of plants, familiarly known as Old-Fashioned Hardy Garden Flowers, is not at all surprising when we consider the many varied and pleasant changes which take place throughout the entire growing season in a well-arranged

hardy border.

Price of all Hardy Perennials, except where noted, is as follows: Extra Strong Plants, each 15c, dozen \$1.50 by express or freight, at buyer's expense.

Achillea, The Pearl.-Pure white, double flowers in great profusion; 2 ft.; blooms all summer. Each 10c, doz. \$1.00 ANEMONES. 2 to 3 feet. Bloom from August to November.

Queen Charlotte.—Semi-double pink; very popular. Whirlwind.—Pure white, semi-double; one of the prettiest. Aquilegia.—Rocky Mountain Columbine.

Each 10c, dozen \$1.00 Bellis .- Double Daisy. White, pink and red.

Each 5c, dozen 50c

Bocconia Cordata.—Creamy white terminal panicles. Campanula.—Canter bury Bell. Ea. 10c, doz. \$1.00 Carnation.—Double.

Ea. 5c, doz. 50c

Coreopsis Lance o lata. Bright golden yellow.

Daisy, Shasta. — Large, pure white flowers; perfectly hardy.

Delphinium. Hardy Larkspur. The long spikes of flowers are produced continuously until late in fall.

Formosum.—Large deep blue with white eye.

Belladonna.-Beauti ful large sky-blue.

Each 20c, dozen \$2.00 Dianthus Barbatus—Sweet William. Ea. 5c, doz. 50c

Dianthus Plumarius .-Pheasant's Eye Pink.

Each 5c, dozen 50c. Dielytra.—Bleeding Heart. Each 10c, dozen \$1.00

COREOPSIS LANC.

AQUILEGEA

Digitalis.--(Foxglove) A wealth of bloom in June and July.

EULALIA JAPONICA VAR. -Ornamental grass striped lengthwise green and white E. JAPONICA ZEBRINA.—

Broad yellow bands across the leaf.

FERNS.-Hardy wood ferns.

Each 5c to 20c, dozen 50c to \$2.00

Funkia Subcordata.—Plantain Lily. Pure white, lily-shaped, fragrant flowers; broad, massive foliage.

GAILLARDIA GRANDIFLORA.—Showy and effective; continue one mass of bloom all summer. Center dark reddish-brown, petals marked with rings of brilliant scarlet-crimson, orange and vermilion. Each 10c, dozen \$1.00

Gypsophila Paniculata.—Baby's Breath. Minute, pure white flowers of beautiful gauze-like appearance. August-September Helianthus Multiflorus.—Double yellow sunflower.

H. Maximiliana.—Graceful, single-flowered, yellow variety. HEMEROCALLIS FLAVA. Yellow Day Lily. 3 feet; fragrant.

Each 10c, dozen \$1.00

Hesperis Matronalis. - Showy spikes of pinkish flowers during Each 10c, dozen \$1.00 June and July. Hibiscus "Crimson Eye."-Flowers of immense size; pure white with a

large spot of deep velvety crimson in the center.

Hollyhocks-as the Hollyhock. For planting in rows or groups on

the lawn, or for interspersing among shrubbery they are invaluable. Double White, Pink, Salmon, Yellow, Maroon, Bright Red. Ea. 20c, doz. \$2.00 Lobelia Cardinalis.—Rich fiery cardinal flowers.

Lychnis Chalcedonica.—Large heads of vermilion-scarlet flowers.

Each 10c, dozen \$1.00 Each 10c, dozen \$1.00

GAILLARDIA GR.

Lysimachia Nummularia.—Money-wort. Creeper.



GERMAN IRIS.



PEONY, OFFICINALIS RUBRA PLENA.



HARDY PHLOX.



ORIENTAL POPPY.



Hardy Phlox. The hardy Phloxes are without doubt the most important of all hardy perennials, and are now to be found in almost every garden. They flower from early summer until late in the fall, and contain a range of brilliant colors not found in any other hardy plant.

Amor.—Pure pink. Coquelicot.—Scarlet, deep carmine eye. Lothair.—Salmon red with carmine eye

Pearl.—Large, perfect, pure white.

Montagnard.—Pure crimson. Pantheon.—Deep salmon rose.

Above varieties: Strong plants, each 15c, dozen \$1.50

Mixed Phlox. Each 10c, dozen \$1.00

Platycodon Mariesi.—Deep blue, bell-shaped, nearly 3 inches. Poppy, Oriental.—Mammoth scarlet, with black center.

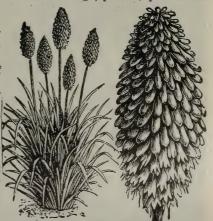
Pyrethrum Ulginosum.-Large white, daisy-like flowers.

Rudbeckia Purpurea.—(Purple Cone Flower.) Large flower of peculiar reddish purple, with large compact center of brown. Rudbeckia Golden Glow.-Produces masses of double, goldenyellow, Cactus Dahlia-like flowers. Each 10c, dozen \$1.00 SCABIOSA CAUCASICA.—One of the handsomest perennials for cutting purposes. The flowers are of a peculiarly soft and charming shade of lilac-blue. June to September.

Stokesia Cyanea.—(Cornflower Aster.) Handsome, lavenderblue, centaurea-like blossoms.

Tritoma Pfitzerii.—(Everblooming Flame Flower.) Blooms 12 inches long, of rich orange scarlet shading to salmony rose at edges.

Veronica Longifolia Subsessilis.—Pretty species with blue flowers, produced on spikes a foot long. Each 25c, dozen \$2.50 Yucca Filamentosa.—Large, fragrant, drooping, creamy-white flowers. 4 year old plants, each 35c, 3 for \$1.00



TRITOMA PFITZERII.

Hardy Ornamental Climbing Vines.



CLEMATIS JACKMANI.

Small Flowered Clematis Paniculata.

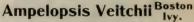
This handsome hardy climber is one of the most satisfactory climbing flowering plants. Of very rapid growth; small, dense, glossy green foliage, and pure white, deliciously fragrant flowers, which appear in greatest profusion in September, a season when few other vines are in bloom. Strong 2-year-old plants.

Each 25c, dozen \$2.50



CLEMATIS COCCINEA.— Bell-shaped

flowers, of a bright coralred color. 2-year plants each 25c, doz



Very attractive climbing vine, with glossy ivy leaves, closely overlapping. The tendrils cling firmly to the smoothest surface. In autumn the leaves assume the most beautiful tints of scarlet and crimson. Strong vines 3 feet long, each 25c

A. Quinquefolia.—Virginia Creeper. Splendid for covering trees, arbors and trellises. The large deep green foliage assumes brilliant shades of yellow, crimson and scarlet in fall. 4-year plants, each 25c, doz. \$2.50

CLEMATIS.

The most beautiful class of flowering climbers. They want a sunny location and good culture; dig the ground deep, make it rich, and water whenever needed. For covering verandas, pillars, trellises, or any unsightly tall object there is nothing to compare with the Clematis.

Jackmani.—Rich, deep velvety purple. Blooms with astonishing profusion.

Ramona.—Lavender - blue; the largest of all.

Henryi.—Large pure white. Strong 2-year-old roots, each 50c Extra strong 3-year-old, each 75c



CLEMATIS COCCINEA.

HONEYSUCKLE. Scarlet Trumpet.—Produces scarlet, inodorous flowers all summer; rapid grower.

2-year-old plants, each 35c, dozen \$3.50 **Halleana.**—Flowers yellowish-white, freely produced; fragrant.

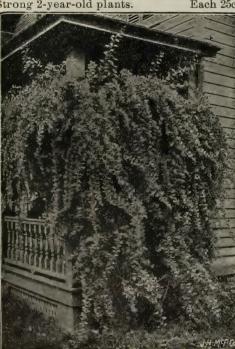
2-year-old plants, each 25c, dozen \$2.50

Kudzu Vine or Jack-and-the-Bean-Stalk.—This is the most rapid climber, attaining after once established, a height of 50 feet or more in a season. Large foliage, clusters of Wistaria-like blossoms. Each 35c

Matrimony Vine.—Well-known, hardy, rapid climber; covered with scarlet fruit in autumn.

Extra heavy 2-year-old vines, each 35c CHINESE WISTARIA.—One of the best of all hardy climbers. It grows rapidly and presents a magnificent appearance with its pendulous clusters of pale blue.

2-year-old vines, each 35c, 3 for \$1.00



MATRIMONY VINE.

HARDY GARDEN ROSES

The beauty of the Rose is so widely appreciated that the popularity it now enjoys is annually increasing. In old-fashioned gardens, in borders, along garden walks, or on arbors, the sweet perfume of blooming Roses is a source of constant delight to all who grow them.

The varieties listed below are offered with a view of supplying a collection which combines as varied a range of color as can be brought together in a limited number of sorts. Many kinds have been omitted, not because they are of no value, but that the sorts listed are superior in size, hardiness, vigor, productiveness, or some other characteristic necessary to make a good garden rose.



AMERICAN BEAUTY

The plants we offer are extra heavy 2-year-old stock, which will under ordinary conditions give a full crop of flowers the first season.

Planting.—Roses planted in the spring should be set out early, in a rich clay-loam, and firmly pressed in with the foot.

Pruning.—When setting out hardy Roses, cut them back ½ to 3 and remove all feeble growth. The result will be strong plants and large flowers.

American Beauty.- The flowers are very large, very double and of beautiful form; color rich deep rose. The fragrance is delightful; a continuous bloomer.

Baroness Rothschild.-A magnificent rose; color is a rich satiny pink.

Frau Carl Druschki.—The grandest white hardy rose introduced for years. Produces very freely flowers of exceptionally large size, very full and double and of a pure snow white. It forms a beautiful long shaped Each 35c, 3 for \$1.00

General Jacquimenot.—Rich velvety crimson, changing to scarlet crimson.

Gruss an Teplitz.—The reddest of all red roses; it is of the richest scarlet imaginable, shading to velvety crimson as the flowers mature; very fragrant, a most profuse bloomer; the foliage is extremely beautiful, all the younger growth being of bronzy plum color.

KILLARNY New Hardy Everblooming Irish Rose.

A beautiful new Irish Rose, certain to become a general favorite. It is perfectly hardy, a strong and robust grower, and as free flowering as any rose we know. In color it is a brilliant, satiny, soft pink; the blooms are large, the buds long and pointed. Just as handsome in the full-blown flower as in the bud form. Each 40c, dozen \$4.00

Mad. Plantier.—White flowers in great abundance. Magna Charta.—Bright pink, suffused with carmine; a beautiful rose; strong, vigorous grower.

Mrs. John Laing.—Soft pink; exceedingly fragrant; commences flowering early and continues late. Paul Neyron.—Deep, shining pink. Good, strong grower, almost thornless.

Persian Yellow.—Perfectly hardy, semi-double, golden yellow.

Soleil d'Or.—Beautiful clear green, dense foliage. Large, full, globular flowers, fragrant; buds conical; color varying from gold and orange-yellow to reddish gold, and shaded with nasturtium red. Ulrich Brunner.—Brilliant cherry red, a very effective color.

PRICES:-Extra heavy 2-year-old plants, except where noted, Each 25c, dozen \$2.50

New Everblooming Rose "BABY RAMBLER"

A dwarf form of the widely known and popular climbing rose Crimson Rambler. The flowers are borne in clusters like those of the Crimson Rambler and are of the same charming brilliant red color. The best red pot or bedding rose in the world. Perfectly hardy, in bloom all the time. Each 40c, doz. \$4.00

MOSS ROSES

A class of Roses much admired. The beauty consists in the delicate mossy covering which surrounds the bud. Blanche Moreau.—Pure white. Pink.— Ea. 25c, doz. \$2.50

RUGOSA ROSES

Handsome foliage and clusters of beautiful single flowers followed by brilliant red seed pods. Splendid for hedges. R. Alba.-White. R.Rubra.-Red Ea. 25c, doz. \$2.50





HARDY CLIMBING ROSES

Crimson Rambler.—Unquestionably one of the finest roses in existence. A vigorous grower making shoots 10 to 15 feet in a single season, and when in bloom commands admiration by the gorgeous display of its brilliant crimson blossoms, produced in clusters in marvelous abundance. May be grown on verandas, pillars, fences and walls, or it can be grown in bush form and thus becomes a most striking object.

Extra Select, with canes $3\frac{1}{2}$ to 4 feet, each 35c, doz. \$3.50 Select, 2 to 3 ft., each 25c. doz. \$2.50 Yellow Rambler.—Flowers in clusters of 6—10. Yellow in the bud, but nearly white when fully open.

Dorothy Perkins.—In foliage and habit of growth it is remarkably like Crimson Rambler; the flowers are very double, of good size and are borne in clusters of ten to twenty, the clusters being borne in racemes of three to five, thus often making a group containing fifty to sixty blossoms upon a single stem. The petals are very prettily rolled back and crinkled. The color is a clear shell pink and holds a long time without fading; very sweetly scented.

Baltimore Belle.—Very double blush white, completely enveloping the whole plant with bloom.

Prairie Queen.—Bright rosy red, large flowers. A favorite with everyone.

PRICES:—Above varieties, strong 2-year-old plants, each 25c, dozen \$2.50

TREE OR STANDARD ROSES. These roses are grafted on hardy stalks four feet high. We offer them in white, pink and red. Ea. 75c, 3 for \$2.00 Crimson Rambler in tree form ea. \$1.00

HARDY ORNAMENTAL SHRUBS

Note.—Prices are based on well-shaped, bushy, vigorous plants, with heavy root growth, such as produce immediate effect. They can only be shipped by express or freight, being too large and heavy to be sent by mail. Write for prices in larger quantities.

	Each	Doz.
Almond, Flowering, dble. white & pink	.35	3.50
Althaea (Rose of Sharon) Double	.25	2.50
Barberry, Purple-Leaved	.25	2.50
" Thunbergii. Beautiful hedge		
plant; foliage turns bright red in fall	.25	2.50
Cornus, Sanguineus. Red Dogwood	.25	2.50
Crab, Bechtel's Double Flowering	.75	7.50
Currant, Yellow Flowering	.25	2.50
Cydonia Japonica (Japan Quince) Fine		
for hedges; brilliant crimson flowers	.25	2.50
Deutzia, Lemoinei. Pure white	.25	2.50
Elder, Cut-Leaved	.25	2.50
" Golden-Leaved	.25	2.50
Forsythia, Golden Bell. Very early	.25	2.50
Fringe, Purple	.25	2.50
Honeysuckle, Upright Tartarian, pink	.35	3.50
, , , , , , , , , , , , , , , , , , , ,		



HYDRANGEA PAN. GRAND.

HYDRANGEA PANICULATA GRANDIFLORA

This is the finest hardy shrub in cultivation. The flowers, which are borne in dense pyramidal panicles, nearly a foot long, in the greatest profusion, are white when they first open, but gradually change to rose color, and remain in good condition for weeks.

Fine bushy plants, each 25c, dozen \$2.50 Extra fine plants, each 35c, dozen \$3.50 Standard or tree-shaped, each 40c, dozen \$4.00

quantities.		
	Each	Doz.
Lilac, Common purple and white, 15 to		
" Persian purple and white		2.50
" Marie Le Gray, beautiful white.		4.00
", Japonica or Tree Lilac	.50	5.00
Mulherry Tea's Weening 2 year head	1 25	0.00
" Japonica or Tree Lilac	G: G:	hand
shrub covered with sweet-scented whi	to flor	TORE
Coronarius (Garland Mock Orange)	oc no	WCI S
Coronarius fl. pl. Double flowering.		
Grandiflora. Large growing variety		
First size shrubs	.25	2.50
Extra size shrubs	.35	3.50
Prunus, Pissardi. Purple-leaved plum	.40	4.00
	.40	4.00
"Triloba. Double flowered del-	40	4 00
icate pink; very desirable	.40	4.00
Peach, Double flowering pink, 4-6 ft	.40	4.00
Snowball, Sterilis. Common Snowball	.25	2.50
" Plicatum. Japan Snowball.	.35	3.50
Snowberry, Red and white berried	.25	2.50
SPIREA. Graceful shrubs everyone		
should plant. Of easiest culture.		
Anthony Waterer. Dwarf, bright		
crimson, continuous bloomer	.35	3.50
Spirea van Houttei. The grandest of		
Spireas; it is a beautiful ornament fo	r the	lawn
at any season, but when in flower it	is a	com-
plete fountain of white bloom.		
Fine bushy plants, 2½ to 3 feet	.25	2.50
Extra heavy plants, 3 to 4 feet	.35	3.50
Specimen plants	.75	
Weigelia. Large trumpet-shaped flow-		
ers in great profusion.		
Candida. Pure white.		
Eva Rathke. Brilliant crimson.		
Rosea. Pink.		
Variegata. Leaves margined creamy		
white; flowers pink.		
Large, bushy plants, above sorts	.25	2.50
Extra large, bushy plants all above		3.50
0 / 1		

ORNAMENTAL DECIDUOUS TREES AND

EVERGREENS

We are prepared to furnish these in all leading varieties and sizes. Well grown, shapely, with abundance of roots. Ask for prices.

A PAGE OF SMALL FRUITS

BLACKBERRIES.

Mersereau.-Large size, superb quality, without tendency to turn red. Each 10c, dozen \$1.00

CURRANTS.

Black Naples .- The best black current. Fay's Prolific.—First class red; prolific. Red Dutch.—Standard red, productive. White Dutch.—Excellent old variety. White Grape.-Very large yellowish-white of excellent quality.

Wilder.-Large prolific red.

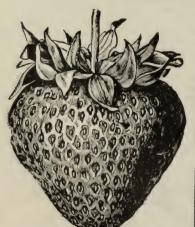
Price of above, strong 2-year-old bushes, each 15c, 4 for 50c, doz. \$1.25, by express

GOOSEBERRIES.

Downing.-Large whitish-green, fine. 2-year-old, each 15c, dozen \$1.50 Industry.—Berries of large size, excellent



INDUSTRY GOOSEBERRY.



SENATOR DUNLOP STRAWBERRY.



CURRANT, WHITE GRAFE.

flavor, dark red .. 2-year-old bushes each 20c, dozen \$2.00s Red Jacket .- Large, smooth, bright red; prolific and hardy. 2-year-old bushes,

each 20c, dozen \$2.00 GRAPES.

Brighton. - Bunches large; dark red.

Catawba.—Coppercolored, sweet, rich. Concord.-Most popular grape in America; blue-black.

Delaware.-Small red, juicy and sweet. Niagara. - Greenishwhite, very popular. 2-year-old plants, each 20c, dozen \$2.00

Raspberries.



COLUMBIAN RASPBERRY.

Columbian.—Sweet and highly flavored. Deep purplish red; wonderfully productive. Cumberland.—Very large, firm and prolific; the best black. Cuthbert.—Hardy, prolific, excellent quality; deep rich crimson. Above vrrieties, each 5c, doz. 50c. If by mail add 10c per doz.

STRAWBERRIES.

Brandywine.—One of the best and handsomest berries grown. fine rich flavor, large size, dark red.

Clyde.—Abundant bearer, large fruit.

Senator Dunlap.—Has given the greatest satisfaction as to hardiness, productiveness and quality. Large bright deep red, very glossy, firm, a splendid keeper; one of the very best berries for canning.

Any of above, dozen 15c, 100 \$1.00, 1000 \$5.00

FRUIT TREES.

We are prepared to furnish fine, shapely trees of the following: Apples, Crab Apples, Cherries, Peaches, Pears, and Plums. All sizes, many varieties of each. Write for prices.



POULTRY FOODS

Cyphers Chick Food. 51bs. 25c, 10lbs. 40c, 25lbs. 85c, 50lbs. 1.50, 100lbs. 2.75 Lee's Egg Maker and Chick Grower. 2½ lb. package 25c, 25lb. pail 2.00 Eggo. 25c Ovamead. 25c and 50c Climax Condition Powder. 25c 100lbs. 25lbs. 50lbs. 5lbs. 10lbs. .25 .40 .80 1.50 2.90 Beef Scrap. 3.50 Blood Meal. .50 1.00 2.00 20 1.25 2.25 .35 .70 Meat Meal. 2.25 Poultry Bone.20 .35 1.25 .25 1.60 2.50 .50 Bone Meal. .90 2.75 Charcoal. .30 .40 .75 1.40 2.00 20 .70 1.10 Clover Meal. . .35Clover Hay. .35 .20 1.00 1.75Crushed Shells. .15.25 .40 .65 Grit, Pearl .25 .45 .75 Mica Crystal .15

LICE KILLERS

Lee's Lice Killer, Liquid. 1-quart can 35c; 2-qt. can 60c; 1-gallon can 1.00

Lee's Insect Powder. 25c Prussian "25c and 50c

Mico-Spar

Cyphers Lice Paint. 1-quart can 35e
"Powder. 25c"

POULTRY REMEDIES

Conkey's Roup Cure. 50c Lee's Germozone. Liquid or tablet, 50c

POULTRY SUPPLIES

Bone Cutter, Mann's No. 7.	12.00
No. 5 B. M.	10.40
No. 5 B.	8.00
No. 5 C	6.00
Crown, without stand	
with stand	8.00
Wilson Dry Bone and Shell Mill, with stand	6.00
without	
Danney Dank Coult	5.00
Mann's Clover Cutter, with balance wheel	0.00
With balance wheel and iron stand	8.00
Fag Package Imporial 15 and 150 december 150	. 10.00
Egg Package, Imperial, 15-egg, 15c, dozen.	1.50
30-egg size, each 20c, dozen Egg Tester	2.00
Feed Boxes, Sanitary. 3 compartments	25
Food Hopper 2 compartments	50
Feed Tray, Mann's Swinging. 18 inch	75
or inch.	1.00
Frances 27 inch	
Economy	75
Prairie State. 18, 24 and 30 inch	2.50
each 12c, 18c and 25c; dox. 1.20, 1.80 and Fountain, Galvan. 1-qt. 20c; 2-qt. 25c; 1-gal.	2.50
Sanitary 1 celler 500: 2 celler	.35
Sanitary. 1-gallon 50c; 2-gallon	.85
Earthen. 1-qt. 20c; 2-qt. 30c; 4-qt	.40
Hallock. 1-gallon 75c; 2-gallon	
	35
Marker, Philadelphia	25
Reliable Spring Lever	25
Cyphers Perfect	50
Thermometer. Incubator	60
Brooder	50

The "Mandy" Lee Chick Brooder. The only brooder that furnishes of the little chicks. It "Hovers 'Em Like the Hen"—providing natural heat in a natural way. Write for complete description.

Price \$12.00

The "Mandy" Lee No. 2. This Secondary Brooder Hover is for chicks over 3 weeks old. Price \$7.50

The "Mandy" Lee Incubators

These machines are made right—best of everything throughout. They have many important new features among them the



Egg Cover, Sub-Nursery, and the Bottom Door. Perfect ventilation. Ask for complete description

140-Egg, \$17.00 110-Egg, \$12.00





AZALIA POTS.





Sulpho-Tobacco Soap.

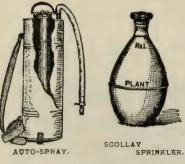
INSECTS



GARDEN TOOLS & SUNDRIES

Prices do not include postage.





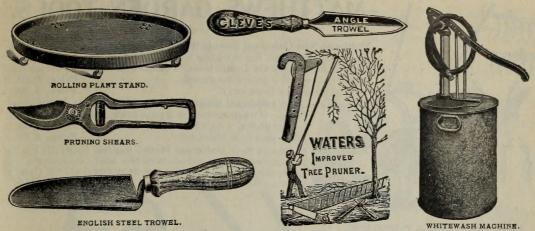




,				
Asparagus Knife, American. Straight edge, each	Price .35 1.25 .40 .75 .30			
Fork, Hand Weeding or Transplanting Fork, each	.25			
FERTILIZERS Bone Meal. Gauranteed analysis. Quantity required, one				
part to fifty parts soil; for starting a new lawn 3—5 lbs. per 100 sq. ft. 1lb. 5c, 5lbs. 25c, 25lbs. 90c, 100 lbs. Sheep Manure. 1lb. 5c, 10lbs. 35c, 50lbs. 1.00, 100 lbs. Blood. 1lb. 7c, 5lbs. 30c, 10lbs. 50c, 25lbs. 1.25, 50lbs. Hard Wood Ashes. 25lbs. 45c, 50lbs. 75c, 100 lbs.	2.50 1.75 2.00 1.25			
Plant Food. Designed for pot plants. Package 15c; mailed	.25			
Japanese Palm Food. For palms and ferns. Pkg. 15c; mail	.25			
Garden Line. 100 feet 50c. Reel	.50			
GLAZING MATERIALS Mastica. Superior to putty; gallon 1.25 Machine to apply 1.25 Scollay Putty Bulb. For applying liquid putty and Mastica .85 Glazing Points, per 1000 75c Glass Cutter				
Grass Edger, Planet Jr. Does straight or curved work	6.00			
INSECTICIDES				
Ant Exterminator. Box15 Sulpho-Tobacco Soap. Qu	ick-			
Bordeaux Mixture. Quart25 ly exterminates all insect				
Grape Dust. Pound10 on plants and flowers in	and			
Hellebore, Powdered. out of doors. 3 oz. cake m				
1 lb. 8c, pound .25 1 gallons, 10c; mailed, 13 Kerosene Emulsion. Qt40 oz. cake makes 4 gallons,				
Paris Green. Pound 25 mailed	.28			
Persian Insect Powder. Slug Shot Duster, Perfor				
½ lb. 15c, pound .40 bottom. Each				
Slug Shot, Hammond's. Gua- Tobacco Dust. Pound	.10			
ranteed to destroy potato bugs, Whale Oil Soap. An excel				
currant and cabbage worms, wash for trees. Pound	.15			
flees, beetles and striped bugs. Duster, Legget's Little Gi Lb. 8c. 5 lb. pkg	ant.			
	5.50			
Knives. Pruning or Budding. Each	1.00			
" Asparagus, Each 35c Potato, Each	.25			
Labels. Pot, 4 in. 100 15c Tree, copper wired, $3\frac{1}{2}$ in. 100	.25			

Pots, Flower. All sizes. Standard and Azalea.
Raffia. Best tying material. Pound.......
Colored Raffia. Write for prices.
By mail lc per ounce extra.

.25



Pri	
Shears, German Pruning, 6½ inch 90c; 7½ inch 1.10; 8½ inch 1.2	20
" Grass, with thumb guard, each	
SPRAYERS	
New Era. The fine mist is evenly distributed, so that ten-	
der plants are not injured. Tin reservoir, each 3	5
der plants are not injured. Tin reservoir, each	
Auto-Spray. Eight to ten strokes of plunger in air chamb-	
er will compress enough air to discharge the entire con-	
tents. The Auto-Pop is a contrivance for mechanically	17
controlling the spray and cleaning the nozzle.	
Galvanized reservoir	0
" with Auto-Pop	0
Brass reservoir	0
" with Auto-Pop. 6.5	
Extension Rods, 2 ft. lengths, galvanized 25c; brass3	
Extension Rous, 2 It. lengths, galvanized 250; brass	U
Auto-Spray No. 30 Whitewash, paint and spraying mach-	0
ine; capacity 8 gallons 12.0	
Sprinkler, Scollay. Medium size, 65c, by mail	
Large size, 85c, by mail	0
Stakes, Cane. 6—8 feet long, dozen 25c, per 100	U
Stand, Rolling. For heavy plants; made of indurated fibre	_
ware. 12 inch 75c; 15 inch 85c; 16 inch 1.00; 18 inch 1.1	0
Thermometers. Tin case 8 inch 15c, dozen	
Hot Bed. Brass point, wooden frame, each 1.7	
Incubator	0
Brooder	0
Tree Pruner, Water's. 6 ft. 75c; 8 ft. 90c; 10 ft. 1.00; 12 ft. 1.1	0
TROWELS	
English Steel. 6 inch	
Garden. 6 inch	0
Cleve's Angle. Narrow	5
FLOWER TUBS	
Columbian. Made of best cypress, will last for years.	
$10x 11$ inch each 1.00 $21x18\frac{1}{2}$ inch each 2.5	0
10x 11 incheach 1.00 21x18½ incheach 2.5 15 x14 incheach 1.50 24x20½ incheach 3.0	0
18 x 16½ incheach 2.00	
Turf Edger	0
Vase, Clara Cemetery. Handsome glass vase for the ceme-	- 1
tery. Lower end sharp-pointed for imbedding in ground 4	0
Vase, Enameled Cemetery. White enamel: two sizes: 20c & .2	5
WEEDEDE	
Combination	0
Eureka	
Excelsior	
Lang's	









MATTHEWS GARDEN TOOLS.

Complete Catalog Free.

Matthews New Universal Double Wheel Hoe, Cultivator, Rake & Plow Specially designed for working both sides of the row at one passing. Attachments are 1 pair hoes, 4 cultivator teeth, 1 pair plows, 1 pair rakes and 1 pair vine guards. Price, 5.50

With one pair Hoes only. Price, 3.50 Matthews New Universal Single Wheel Hoe, Cultivator, Rake and

Plow.—Attachments are 1 pair hoes, 5 cultivator teeth, 1 pair plows, 1 pair rakes, 1 vine guard. Price, 4.75 With one pair Hoes only. Price, 2.75

Matthews New Universal Model Garden Drill .- It opens the furrow, drops and covers the seed, rolls down the earth over it, and marks the next row, all by simply pushing the drill forward.

Price, 6.50

MATTHEWS DOUBLE WHEEL HOE.

Matthews New Universal Constellation Drill .-- May be used as a SINGLE OR DOUBLE WHEEL

Seeder, Hoe, Cultivator, Plow, Rake, Marker Price, 8.50

Matthews Hill and Drill Seeder .- So arranged as to drop seed either continuously in drill or at distances of 4, 6, 8, 12, 16, 24 and 48 inches apart.

CONSTELLATION DRILL.

Price, 7.25

"IRON AGE" TOO

Complete Descriptive Catalog Free. The "Iron Age" Garden Tools are made from the best material and with best workmanship.

No. 20 "Iron Age" Single Wheel Hoe.—Frame is made of pipe coupled to malleable castings, rendering them light and strong. Price, 5.50 No. 21, with one pair Hoes only. Price, 3.50

No. 1 "Iron Age" Double and Single Wheel Hoe. A Double Wheel Hoe that can be made into a practical Single Wheel Hoe in a moment's time. Complete with all attachments. Price, 6.50 No. 3, with one pair Hoes only. Price, 3.75



No. 15 "Iron Age" Combined Single Wheel Hoe, Hill and Drill Seeder. - Each in itself complete. May be changed from one form to another almost instantly. Price, 10.00 No. 16, as a Hill and Drill Seeder only.

Price, 7.50

No. 17. Same as No. 15, except being furnished without hill dropping device.

Price, 9.00

Eureka Seed Drill For Kitchen Garden and Hot Bed

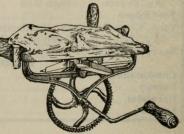
Will sow and cover Beet, Cabbage, Carrot, Lettuce, Onion, Radish and all such seeds with the greatest regularity. Not a toy but a practical machine.

Price, 75c

National Broadcast Seeder

Will sow wheat, rye, oats, rice, flax, millet, turnip, clover and grass seeds; also fertilizer, plaster, salt, ashes, etc. Quantity instantly adjustable to suit kinds and conditions of seed. By the superior construction of the hopper and

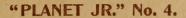
EUREKA DRILL attachment of the sack it sows out very clean. Price, 1.25



NATIONAL SEEDER.

"PLANET JR." FARM AND GARDEN TOOLS

Space will not permit our showing and describing all of the "Planet Jr." tools but we will send a fully illustrated catalogue FREE FOR THE ASKING to anywho desire it, and we can supply promptly anything ordered. "Planet Jr." goods are standard machines, the best on the market. In sending your orders to us, you can rely on getting bottom prices.



COMBINED HILL AND DRILL SEEDER, SINGLE WHEEL HOE, CULTIVATOR AND PLOW.

THIS admirable tool combines in a single convenient implement THIS admirable tool combines in a single convenient implement a capital hill dropping seeder, a perfect drill seeder, a single wheel hoe, a cultivator, and a plow. It holds two quarts and as a seeder it sows in a continuous row, or drops in hills at five different distances. It is thrown out of gear by simply raising the handles. The index is accurate, simple and easily set. The drill is detached and the tool frame substituted by removing but one bolt. It then becomes a single wheel hoe, garden-plow or cultivator. It is useful almost every day of the season, at every stage of garden work. With this one implement the small farmer can do practically all the work in his small crops.

A set of three rakes supplied

A set of three rakes supplied when specially ordered. Price, \$1.00 Price, \$9.50

"PLANET JR." No. 1.

COMBINED DRILL SEEDER AND WHEEL HOE, CULTIVATOR AND PLOW.

THIS has been long the most popular combined tool made. From a drill it is changed to its other uses by removing two bolts, when hoes, etc., can be quickly attached. It is an excellent seed sower, a first-class double or single wheel hoe, an excellent furrower, an admirable wheel cultivator, and a rapid and efficient garden plow. It is a practical, every-day time and labor saver, and a grand remedy for backache.

A pair of six tooth rakes supplied when specially ordered.

Price, 500

Price, Complete

\$10.50

As a Drill only \$8.50

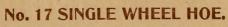
No. 12 DOUBLE WHEEL HOE.

THIS perfected wheel hoe is invaluable for use in all small crops. Its variety of work is almost incredible. Changes and adjustments of the tools are made with the greatest quickness. It has 11-inch wheels, which can be set at four different distances apart; the frame is malleable, with ample room for tool adjustment and can be set three different heights. The handles are adjustable at any height, and, being attached to the arch, are undisturbed in making changes of adjustment in frame, wheels or tools. The arch is of stiff steel, unusually high; the quick change frame permits the tools to be changed without removing the nuts.

removing the nuts.

Price, \$5.00

Price, \$7.00



THIS latest and best single wheel hoe has a very full set of tools, several of them being of new design, such as have been found to work in the very best manner. It has 11-inch wheel, with broad face; is very light, strong and easy running. It has adjustable handles and quick-change frame.

Price, Plain \$5.80. Price, with Wheel \$6.90 Price, Complete, \$8.50



"Planet Jr." Twelve-Point Harrow and Cultivator.

THIS tool has rapidly grown into favor with farmers, market gardeners and strawberry growers. It has a high frame and the chisel-shaped teeth cut an inch wide each.

Inch wide each.

The foot lever pulverizer is a capital addition for preparing ground for the seed drill or for plant setting. Hand levers regulate both width and depth while in motion; it contracts to 12 inches, and may be further reduced in width by taking off the outside teeth; it expands to 32-inches. It cultivates deep without throwing earth upon the plants, and the smooth, round-throated teeth turn strawberry runners without injuring them. Strawberry Runner Cuttr's Attachment consisting of a 10-inch flat steel disc mounted on an outrigger, extra. Price, \$1.75

